



District Board Meeting Agenda*
Tuesday, May 24, 2022 – 4:00 p.m.

NOTICE IS HEREBY GIVEN that the Milwaukee Area Technical College District Board will meet in open session at 700 W. State Street, Milwaukee, WI, room M210, at 4:00 p.m. on **Tuesday, May 24, 2022.**

Estimated Time		Agenda Items**	Presenter(s)
4:00 p.m.	1.	Call to Order a. Roll Call b. Compliance with the Open Meetings Law	Board Chair
4:05 p.m.	2.	Comments from the Public	Board Chair
4:15 p.m.	3.	Approval of Minutes a. Regular Board Meeting: April 26, 2022	Board Chair
4:20 p.m.	4.	Approval of Consent Agenda Items a. Bills April 2022 b. Financial Report April 2022 c. Human Resources Report d. Procurement Report e. Construction Report	VP Finance
4:30 p.m.	5.	Board Action Items a. Resolution (F0227-05-22) Authorizing the Sale of \$1,500,000 General Obligation Promissory Notes, Series 2021-2022L of Milwaukee Area Technical College District, Wisconsin (Statutory) b. Resolution (F0228-05-22) Authorizing the Issuance of \$1,500,000 General Obligation Promissory Notes, Series 2022-2023A of Milwaukee Area Technical College District, Wisconsin (Statutory) c. Approval of Budget & Class I Public Hearing Legal Notice FY23 (Statutory) d. Resolution (F0229-05-22) to Approve Apprenticeship Program Titled Medical Laboratory Technician (50-513-X)	VP Finance VP Finance VP Finance VP Learn
5:00 p.m.	6.	Reports Monthly a. Chairperson’s Report i. Board Self-Evaluation Results b. President’s Report c. Diversity, Equity and Inclusion Report d. District Student Senate Report e. Enrollment Report f. Milwaukee PBS General Manager’s Report g. Legislative Matters Report	Board Chair President Chief Diversity Officer Student Representative Interim VP Enrollment VP Gen. Manager MPBS VP General Counsel

5:40 p.m.	7.	<p>Quarterly</p> <p>h. Advisory Audit Report</p> <p>Board Monitoring</p> <p>a. Pathway Presentation/Healthcare (HLC accreditation)</p> <p>b. Review FY23 Preliminary Activity Plan & Budget (Statutory)</p> <p>c. Review FY23 Preliminary Capital Equipment Budget (Statutory)</p> <p>d. Quarterly Other Post-Employment Benefit (OPEB) & FCC Trust Report</p>	<p>VP Finance</p> <p>VP Learn</p> <p>VP Finance</p> <p>VP Finance</p> <p>VP Finance</p>
6:10 p.m.	8.	New Business	Board Chair
6:15 p.m.	9.	<p>Future Events / Announcements</p> <p>a. June 21, 2022, MATC Public Hearing on the Budget, 4:00 p.m. via Zoom</p> <p>b. June 28, 2022, MATC District Board Meeting, 4:00 p.m., Room M210 (Boardroom) MATC Downtown Campus</p>	Board Chair
6:20 p.m.	10.	<p>Closed Session</p> <p>a. President's Annual Evaluation***</p>	Board Chair
7:15 p.m.	11.	Adjournment	Board Chair

*This meeting may be conducted in part by telephone. Telephone speakers will be available to allow the public to hear those parts of the proceedings that are open to the public.

** Action may be taken on any agenda item, whether designated as an action item or not. Agenda items may be moved into Closed Session for discussion when it becomes apparent that a Closed Session is appropriate under Section 19.85 of the Wisconsin Statutes. The board may return to Open Session to take action on any item discussed in Closed Session.

*** It is anticipated that this item may be discussed in Closed Session pursuant to Sections 19.85(1)(c) and (e) of the Wisconsin Statutes.

Education that transform lives, industry, and community

Reasonable accommodations are available through the ADA Office for individuals who need assistance. Please call 414-297-6719 to schedule services at least 48 hours prior to the meeting.



Attachment 3 - a

**MILWAUKEE AREA TECHNICAL COLLEGE DISTRICT BOARD
MILWAUKEE, WISCONSIN
April 26, 2022**

CALL TO ORDER

The regular monthly meeting of the Milwaukee Area Technical College District Board was held in Open Session via teleconference on Tuesday, April 26, 2022, and called to order by Chairperson Olson at 4:03 p.m.

ITEM 1 a. ROLL CALL

Present: Lauren Baker, Erica Case, Antonio Diaz, Mark Foley, Ashanti Hamilton, Citlali Mendieta-Ramos, Lisa Olson and Ann Wilson.

Excused: Nikki Moews

ITEM 1 b. COMPLIANCE WITH THE OPEN MEETINGS LAW

Discussion Chairperson Olson asked if proper notice of the meeting had been given in compliance with the Wisconsin Open Meetings Law.

Ms. Gwendolyn Green, board liaison, confirmed proper notice was given.

ITEM 3. COMMENTS FROM THE PUBLIC

Dr. Lisa Conley, Biological Sciences Faculty Member and President of AFT Local 212, reported Local 212 and those represented voted to recertify the union's four bargaining units. Dr. Conley expressed concern over competitiveness of pay and how it may have a negative effect on MATC's ability to attract and retain the best and brightest talent in the workforce.

ITEM 3. APPROVAL OF MINUTES

3 a. Regular Board Meeting: March 22, 2022

Motion It was moved by Mr. Foley, seconded by Ms. Baker, to approve the minutes of the Regular Board Meeting: March 22, 2022.

Action Motion approved.

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ITEM 4. APPROVAL OF CONSENT AGENDA ITEMS

- 4 a. Bills – March 2022**
- 4 b. Financial Report – March 2022**
- 4 c. Human Resources Report**
- 4 d. Construction Report**

Ms. Baker expressed concern over resignation of deans and asked what strategies the college is employing to make MATC a desirable place to work. Ms. Baker requested this issue to be addressed at the May Board Meeting.

Motion It was moved by Mr. Foley, seconded by Ms. Mendieta-Ramos, to approve the Consent Agenda.

Action Motion approved.

ITEM 5. BOARD ACTION ITEMS

Action Items

- 5 a. Resolution (F0224-04-22) Authorizing the Sale of \$1,500,000 General Obligation Promissory Notes, Series 2021-2022K of Milwaukee Area Technical College District, Wisconsin**

Motion It was moved by Mr. Foley, seconded by Ms. Mendieta-Ramos, to approve Resolution (F0224-04-22) Authorizing the Sale of \$1,500,000 General Obligation Promissory Notes, Series 2021-2022K of Milwaukee Area Technical College District, Wisconsin.

Discussion Mr. John Mehan, managing director, Robert W. Baird & Co., reviewed the Final Pricing Summary for the \$1,500,000 General Obligation Promissory Notes, Series 2021-2022K.

Action Motion approved, the roll call vote being as follows:

Ayes: Case, Diaz, Foley, Hamilton, Mendieta-Ramos, Wilson, Baker and Olson - 8

Noes: None.

Mr. Hamilton left the meeting at 4:50 p.m.

- 5 b. Resolution (F0225-04-22) Authorizing the Issuance of \$1,500,000 General Obligation Promissory Notes, Series 2021-2022L of Milwaukee Area Technical College District, Wisconsin**

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Motion It was moved by Ms. Mendieta-Ramos, seconded by Mr. Foley, to approve Resolution (F0225-04-22) Authorizing the Issuance of \$1,500,000 General Obligation Promissory Notes, Series 2021-2022L of Milwaukee Area Technical College District, Wisconsin.

Action Motion approved, the roll call vote being as follows:

Ayes: Diaz, Foley, Mendieta-Ramos, Wilson, Baker, Case and Olson - 7

Noes: None.

5 c. Approval of Other Student Fees, Avocational Fees & Adult Tuition

Motion It was moved by Ms. Baker, seconded by Mr. Diaz, to approve Approval of Other Student Fees, Avocational Fees & Adult Tuition.

Action Motion approved.

Mr. Hamilton rejoined the meeting at 5:00 p.m.

5 d. Approval of Facilities Multi-Year Plan Recommendations

Motion It was moved by Mr. Foley, seconded by Ms. Wilson, to approve Approval of Facilities Multi-Year Plan Recommendations.

Action Motion approved.

5 e. Resolution (F0226-04-22) to Approve Contract for Master Control Services Between the State of Wisconsin, Educational Communications Board and Milwaukee Area Technical College District

Motion It was moved by Mr. Foley, seconded by Ms. Baker, to approve Resolution (F0226-04-22) to Approve Contract for Master Control Services Between the State of Wisconsin, Educational Communications Board and Milwaukee Area Technical College District.

Action Motion approved.

5 f. Approval of Board Self-Evaluation Instrument

Motion It was moved by Mr. Foley, seconded by Mr. Diaz, to approve Approval of Board Self-Evaluation Instrument.

Action Motion approved. Ms. Wilson abstained.

ITEM 6 Policy Approvals

6 a. Policy – Consensual Relationships Policy

Motion It was moved by Ms. Baker, seconded by Ms. Mendieta-Ramos, to approve Policy – Consensual Relationships Policy.

Action Motion approved.

6 b. Policy – Sexual Violence and Sexual Harassment

Motion It was moved by Mr. Foley, seconded by Ms. Baker, to approve an amendment to the first sentence on Policy – Sexual Violence and Sexual Harassment to read “The purpose of this policy is to reflect the District Board’s strong commitment to promoting an environment that is free from sexual violence and sexual harassment, including, but not limited to sexual assault, stalking, dating violence, domestic violence and sexual exploitation”.

Action Motion approved.

Motion It was moved by Ms. Wilson, seconded by Ms. Baker, to approve Policy – Sexual Violence and Sexual Harassment as amended.

Action Motion approved

6 c. Policy C0200 – Equal Opportunity, Harassment and Non Discrimination

Motion It was moved by Ms. Case, seconded by Mr. Diaz to approve Policy C0200 – Equal Opportunity, Harassment, and Non-Discrimination.

Action Motion approved.

ITEM 7 Reports

7 a. Chairperson’s Report

Discussion Chairperson Olson:

- Announced MATC will hold the Apprenticeship Graduation Ceremony on Wednesday, April 27, 2022 in Cooley Auditorium at 6:00 p.m.
- Reminded the Board of the upcoming Wisconsin Technical College District Boards Association’s (WTCDBA) Quarterly Spring Meeting in Milwaukee on April 29 & 30. Friday’s in-service will feature Dr.

Christine Manion's presentation on Accreditation in the technical college system.

- Announced MATC is moving its 2022 Spring Commencement Ceremony to Fiserv Forum on Sunday, May 22 at 11:00 a.m.
- Reported the MATC District Board Appointment Committee has appointed three individuals to the MATC District Board pending approval by the Wisconsin Technical College System State Board, they are: Tequila Burris – Additional Member Classification; Supreme Moore Omokunde – Elected Official Classification; and Citlali Mendieta-Ramos – Reappointed, Employer (15+ employees) Classification.

There was a discussion among board members regarding participation in restorative justice conversations. The Board suggested holding a board retreat with a facilitator for a better understanding of the current college culture and climate.

7 b. President's Report

Discussion

Dr. Martin:

- Reported MATC had an in-person meeting with the Achieving The Dream (ATD) coaches. The coaches met with the Student Success Team, the Data Team, the Diversity, Equity and Inclusion (DEI) Task Force and the 3 Project Teams. The coaches stated MATC showed great enthusiasm for the student success work among the groups they met with. The coaches will be returning to campus this fall to follow up on these projects.
- Announced meetings were held with a Washington DC lobbyist and the college submitted applications for Congressionally Directed Spending Requests (or earmarks) to the offices of Rep. Gwen Moore, Rep. Scott Fitzgerald and Sen. Tammy Baldwin for two projects: the expansion of welding programs at MATC's Walker's Square Education Center for bilingual welding and the expansion of the Truck Driving program at the Oak Creek Campus.
- Stated the college is launching the MATC Leadership Academy on April 27 in conjunction with the Mitchell Group. Dr. Martin thanked Elle Bonds and Jane Beyer for their work.
- Reported she provided a welcome at the Hispanic Serving Institute (HSI) Day of Engagement on April 20. Directors Diaz and Mendieta-Ramos attended as the college kicked off the event that included information about MATC's efforts to become a Hispanic-Serving Institution. Margarita Melendez, U.S. Department of Education HSI Program Specialist was the keynote speaker at the event. Dr. Martin thanked Eva Martinez-Powless, Chief Diversity Officer and the HSI Task Force for planning and hosting the event.

- Announced she will be the co-chair for the Hispanic Professionals of Greater Milwaukee's Gala that is to be held this September with the theme, Reimagining Our Story.

7 c. District Student Senate Report

Discussion There was no report. The Student Representative was not in attendance due to scheduling conflict.

7 d. Enrollment Report

Discussion Dr. Sarah Adams, interim vice president, Enrollment Services, presented the Enrollment Report. Dr. Adams highlighted the following points:

- The college is at 87.7% of its goal for FTEs for this academic year. The college is looking at closing this academic year with an FTE count of around 7,719.
- Ms. Eva Kuether, Controller, spoke to the enrollment numbers impact on the college's budget. Ms. Kuether stated the college is trending 12.3% behind the fiscal year goal of 8800 FTEs with 7719. 100 FTEs is equivalent to \$571,000 in revenue and the lost revenue could be approximately \$6.2 million.

7 e. Milwaukee PBS VP General Manager's Report

Discussion Mr. Bohdan Zachary, vice president and general manager of Milwaukee PBS:

- Stated Milwaukee PBS continues its commitment to presenting viewers with well-researched, grounded and unbiased information in such programming as Adelante, Black Nouveau and 10thirtysix and in the stories and podcasts it publishes on the website, Milwaukeepbs.org.
- Announced Milwaukee PBS has invited staff to a 90-minute interactive webinar the week of May 2 on the topic of editorial integrity and journalistic standards and the importance of maintaining an editorial firewall. The guest speakers will be Kathy Merritt, Senior Vice President of Radio and Journalism at the Corporation of for Public Broadcasting (CPB) and Talia Rosen, Assistant General Counsel and Senior Director, Standards and Practices at PBS.
- Reported Milwaukee PBS and PBS Wisconsin in Madison will collaborate on stories regarding Wisconsin's gubernatorial and senatorial elections, which will air on both stations.
- Announced Milwaukee PBS is awaiting word from the Wisconsin Broadcasters Association on whether Milwaukee PBS will serve as

the production site for the gubernatorial and senatorial debates that will take place October 7 and October 14.

7 f. Legislative Matters Report

Discussion

Ms. Ramie Zelenkova, lobbyist, Hubbard Wilson & Zelenkova, presented the Legislative Matters Report on recent legislative matters impacting higher education, such as:

- State Legislation of Interest – COVID related legislation that would restrict local control on vaccine policy, proof of vaccine, in person learning, tuition refund, the governor vetoed those proposals that did not make it through.
- Wisconsin Assembly Bill 735/Senate Bill 747 relating to free speech and academic freedom at technical colleges and UW System institutions and causes of action against the Board of Regents and technical college district boards. Failed to pass.
- Wisconsin Assembly bill 836/Senate Bill 847 relating to technical college police academy programs. Vetoed.
- Legislative Study Committee – A Legislative Study Committee on Increasing Offender Employment Opportunities has been created and will be co-chaired by State Senator Mary Felzkowski and State Representative Michael Schraa.
- Federal – The Biden Administration announced an extension of the federal student loan repayment pause to August 31, 2022.
- Provided a list of retirements as of April 26, 2022.

7 g. Diversity, Equity and Inclusion Report

Discussion

Ms. Eva Martinez-Powless, Chief Diversity, Equity and Inclusion (DEI) Officer, presented the DEI Report.

- The DEI office has completed a DEI plan for the college. It will be presented to the President's Cabinet for review and input. The plan focuses on the student experience, the employee experience and the institutional commitment at MATC. Ms. Martinez-Powless thanked all those that contributed to the plan.

ITEM 8. BOARD MONITORING

8 a. Pathway Presentation/ELL/ABE Community Education

Information

Dr. Mohammad Dakwar, vice president, Learning, presented the ELL/ABE Community Education Pathway report. A PowerPoint presentation was sent to the board prior to the meeting.

8 b. FY22 Year-End Projection of General Fund and Review of FY23 Preliminary Operating Budget

Information Ms. Kuether presented the FY22 Year-End Projection of General Fund and Review of FY23 Preliminary Operating Budget as information on behalf of Mr. Jeffrey Hollow, vice president, Finance. Ms. Kuether was joined by Ms. Laura Bray, vice president, College Advancement; Dr. Naydeen Gonzalez-De Jesus, executive vice president, Student Success and Mr. Tony Tagliavia, Chief Marketing Officer.

8 c. Review FY23 Preliminary Capital Remodeling & Renovation Budget

Information Ms. Janice Falkenberg, vice president, General Counsel, introduced Ms. Virginia Routhé, director, Facilities Planning, Sustainability & Construction, who presented the Review FY23 Preliminary Capital Remodeling & Renovation Budget. Each year the college brings to the board, as a preliminary matter, the projects that are prioritized and put forward for the next fiscal year on the Capital Remodeling and Renovation Budget. Each year the college allocates \$18 million in capital renovation and remodeling throughout the district. Ms. Routhé shared an outline of the prioritization process for the one year and three year plans.

8 d. Student Holistic Health and Wellness Plan

Information Dr. Gonzalez De Jesus and Dr. Josie Veal, Public Health Officer, presented the Student Holistic Health and Wellness Plan as information. The goal of the Health and Wellness Plan is to improve the health and wellness of students through holistic services and activities.

ITEM 9. NEW BUSINESS

Director Baker asked the college to address the recent resignations and report on strategies that can be employed to make MATC a desirable place to work.

ITEM 10. Future Agenda Items/Events

10 a. April 27, 2022, Apprenticeship Graduation, 6:00 p.m., MATC Cooley Auditorium, Downtown Campus

10 b. April 28 – 30, 2022, WTCDBA Spring Meeting, MATC Downtown Campus

10 c. May 22, 2022, MATC 2022 Spring Commencement, 11:00 a.m., FISERV Forum

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**10 d. May 24, 2022, MATC District Board Meeting, 4:00 p.m.,
Room M210 (Boardroom) MATC Downtown Campus**

ITEM 11. Closed Session

11 a. Personnel Matters and Legal Advice***

Motion It was moved by Ms. Case, seconded by Mr. Foley, to convene into Closed Session pursuant to Section 19.85 (1)(c) and (g) of the Wisconsin Statutes to discuss Item 11 a. Personnel Matters and Legal Advice. The Board may reconvene into Open Session to take action on matters discussed in Closed Session under Item 11 a. if necessary.

Action Motion approved, the roll call vote being as follows:

Ayes: Foley, Hamilton, Mendieta-Ramos, Wilson, Baker, Case, Diaz and Olson – 8

Noes: None.

ITEM 11. Adjournment

The meeting adjourned at 7:30 p.m.

Respectfully submitted,

Dwendolyn Z. Green

On behalf of Board Secretary Citlali Mendieta-Ramos

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*** It is anticipated that this item may be discussed in Closed Session pursuant to Section 19.85(1)(c) and (g) of the Wisconsin Statutes.

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Attachment 4 - a

BOARD BILLS LIST

The following bills are to be presented for approval at the meeting of the Milwaukee Area Technical College District Board, State of Wisconsin, to be held on 05-24-22.

BILLS PAYABLE RECAPITULATION

Month of April 2022

Payments for encumbrances and monthly expenditures were made for the following funds:

General Fund	7,778,848.300	
Special Revenue Fund-Operational	105,242.540	
Special Revenue Fund-Non Aidable	117,537.350	
Enterprise Fund	297,647.980	
Capital Projects Fund	1,127,343.110	
Debt Service Fund	31,213.560	
Internal Service Fund	503,284.480	
Public Television Fund	189,983.100	
	<hr/>	
Total Expenditures		<u><u>\$ 10,151,100</u></u>

Secretary

Chair

BOARD BILLS LIST

The following bills are to be presented for approval at the meeting of the Milwaukee Area Technical College District Board, State of Wisconsin, to be held on 05-24-22.

**Bank Transfer Payments
April 2022**

Delta Dental Insurance Claims	<u>\$ 84,712.21</u>
We- energies	<u>\$ 193,595.00</u>
UMR Health Insurance Claims	<u>\$ 45,788.24</u>
WTCS Health Care Consortium	<u>\$ 2,512,969.23</u>
Bank Service Charges	<u>\$ 20,311.68</u>
Merchant Service Credit Card Fees	<u>\$ 10,127.73</u>
Wisconsin Retirement System	<u>\$ 1,299,893.35</u>
OPEB Trust Transfers	<u>\$ -</u>
Federal Payroll Tax	<u>\$ 2,716,735.23</u>
State Payroll Tax	<u>\$ 222,544.16</u>
State, County, and Stadium Sales Tax	<u>\$ 12,018.66</u>

**Debt Service Fund Wire Payments
Apr-22**

<u>General Obligation Debt Series</u>	<u>Interest</u>	<u>Principal</u>
	None	

General Obligation Debt Series

Interest

Principal

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\$ -	-
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Board Bill List by Check No. - Checks Issued in April 2022

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Check Date	Check Number	Vendor Name	Classification	Description	Object Amount	Check Amount
04/07/22	0065503	AAA Acme Lock Co Inc	5238	Maint. & Cust. Supp	297.34	536.49
04/07/22	0065503	AAA Acme Lock Co Inc	5830	Imprvmnts/Remdling	239.15	536.49
04/07/22	0065504	Anchor Printing Inc	5260	Printing & Duplicating	2,322.80	2,322.80
04/07/22	0065505	AT&T	5454	Telephone	1,810.64	1,810.64
04/07/22	0065506	AT&T	5454	Telephone	14,056.40	14,056.40
04/07/22	0065507	Auto Paint & Supply Co Inc	5230	Classroom & Lab Supp	3,182.96	3,182.96
04/07/22	0065508	Ayres Associates Inc	5830	Imprvmnts/Remdling	4,684.25	4,684.25
04/07/22	0065509	B&h Photo Video	5840	Equipment	8,679.51	8,679.51
04/07/22	0065510	Badger Truck Equipment	5230	Classroom & Lab Supp	145.96	145.96
04/07/22	0065511	Baked MKE - Rachel Schmidbauer	5704	Groceries-Resale	192.89	192.89
04/07/22	0065512	BankMobile Technologies Inc	5355	Other Contracted Serv.	2,572.50	2,572.50
04/07/22	0065513	Blackboard Inc - Learning	5355	Other Contracted Serv.	833.31	833.31
04/07/22	0065514	Blair Fire Protection Llc	5830	Imprvmnts/Remdling	29,750.00	29,750.00
04/07/22	0065515	Bliffert Lumber & Hardware	5238	Maint. & Cust. Supp	107.80	107.80
04/07/22	0065516	Butters Fetting Co Inc	5355	Other Contracted Serv.	6,949.58	6,949.58
04/07/22	0065517	Miguel Camacho Sandino	5840	Equipment	1,500.00	1,500.00
04/07/22	0065518	Carlin Horticultural Supplies	5230	Classroom & Lab Supp	158.97	158.97
04/07/22	0065519	Carol Cole Company	5230	Classroom & Lab Supp	978.00	978.00
04/07/22	0065520	Mr. Randall T. Casey	5203	Meals	1,160.00	1,160.00
04/07/22	0065521	Certified Refrigeration Mechanical	5281	Classroom/Lab Eq. Rep.	290.35	290.35
04/07/22	0065522	Children's Hospital of Wisconsin In	5243	Other Supplies	487.50	487.50
04/07/22	0065523	Contributor Development Partnership	5355	Other Contracted Serv.	36.00	36.00
04/07/22	0065524	Dearborn Real Estate Education	5707	New Book-Resale	176.41	176.41
04/07/22	0065525	Department of Public	5243	Other Supplies	210.00	210.00
04/07/22	0065526	Douglas Stewart Co Inc	5711	Supplies-Resale	134.34	134.34
04/07/22	0065527	Exacta Graphics, Inc.	5708	Resale-Transfer in	968.12	968.12
04/07/22	0065528	Excel Disposal of Wisconsin LLC	5830	Imprvmnts/Remdling	3,061.11	3,061.11
04/07/22	0065529	Federal Express Corp	5707	New Book-Resale	739.70	739.70
04/07/22	0065530	Fortune Fish Co	5704	Groceries-Resale	686.97	686.97
04/07/22	0065531	Froedtert Health	5501	Student Activities	3,038.00	3,038.00
04/07/22	0065532	Gilbane Building Company	3411	Resd for Encumbrances	16,650.00	16,650.00
04/07/22	0065533	Mr. John R. Glembin	5840	Equipment	1,500.00	1,500.00
04/07/22	0065534	Goldfish Uniforms	5238	Maint. & Cust. Supp	87.15	87.15
04/07/22	0065535	Graybar Electric Inc	5840	Equipment	1,261.97	1,261.97
04/07/22	0065536	Samantha Hanneman	5840	Equipment	1,500.00	1,500.00
04/07/22	0065537	Ms. Tayla Hart	5840	Equipment	1,500.00	1,500.00
04/07/22	0065538	Henry Schein Medical	5230	Classroom & Lab Supp	402.27	402.27
04/07/22	0065539	Holiday Wholesale Inc.	5704	Groceries-Resale	498.00	498.00
04/07/22	0065540	Industrial Controls	5238	Maint. & Cust. Supp	523.39	523.39
04/07/22	0065541	Innovative Educators Inc	5355	Other Contracted Serv.	416.00	416.00
04/07/22	0065542	John Kowalczyk	5840	Equipment	1,500.00	1,500.00
04/07/22	0065543	Keystone Automotive Industries	5230	Classroom & Lab Supp	297.10	297.10
04/07/22	0065544	Landauer Inc	5230	Classroom & Lab Supp	830.40	1,052.80
04/07/22	0065544	Landauer Inc	5243	Other Supplies	222.40	1,052.80
04/07/22	0065545	Lincoln Electric Company	5230	Classroom & Lab Supp	1,867.05	1,867.05
04/07/22	0065546	Maggie Sasso Studios	5840	Equipment	1,500.00	1,500.00
04/07/22	0065547	Marianna Inc	5711	Supplies-Resale	195.75	195.75
04/07/22	0065548	Madeline Martin	5840	Equipment	1,500.00	1,500.00
04/07/22	0065549	MBS Textbook Exchange Inc	5712	Used Books-Resale	2,987.73	2,987.73
04/07/22	0065550	MDF Instrumentt Direct, Inc.	5711	Supplies-Resale	340.01	340.01
04/07/22	0065551	Medline Industries	5230	Classroom & Lab Supp	188.66	207.87
04/07/22	0065551	Medline Industries	5243	Other Supplies	19.21	207.87
04/07/22	0065552	Menards Inc	5230	Classroom & Lab Supp	1,396.75	1,414.45
04/07/22	0065552	Menards Inc	5238	Maint. & Cust. Supp	17.70	1,414.45
04/07/22	0065553	Byada R. Meredith	5840	Equipment	1,500.00	1,500.00
04/07/22	0065554	Milwaukee Area Tech College	2325	Misc. Clubs Pay.	14,730.24	14,730.24
04/07/22	0065555	Minnesota Elevator Inc	5353	Elevator P.M.	1,039.50	1,039.50
04/07/22	0065556	Napa Auto Parts	5230	Classroom & Lab Supp	614.54	614.54
04/07/22	0065557	National Restaurant Assn	5233	Books	636.24	636.24
04/07/22	0065558	Neher Electric Supply Inc	5238	Maint. & Cust. Supp	130.40	130.40
04/07/22	0065559	Neu's Building Center Inc	5238	Maint. & Cust. Supp	329.78	329.78
04/07/22	0065560	Ms. Adjua Nsoroma	5840	Equipment	1,500.00	1,500.00
04/07/22	0065561	O'Reilly Automotive Stores, Inc	5230	Classroom & Lab Supp	88.23	88.23
04/07/22	0065562	Orkin Commercial Services	5355	Other Contracted Serv.	149.69	149.69

Board Bill List by Check No. - Checks Issued in April 2022

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Check Date	Check Number	Vendor Name	Classification	Description	Object Amount	Check Amount
04/07/22	0065563	Pepsi Beverages Company	5704	Groceries-Resale	6,078.27	6,078.27
04/07/22	0065564	Petroleum Equipment Inc	5355	Other Contracted Serv.	1,306.25	1,306.25
04/07/22	0065565	Mr. Mark S. Picard	5204	Transportation	65.00	65.00
04/07/22	0065566	Pitney Bowes/Presort Service	5259	Postage	406.74	406.74
04/07/22	0065567	Pittsburgh Paints Co	5238	Maint. & Cust. Supp	625.47	625.47
04/07/22	0065568	Port A John	5355	Other Contracted Serv.	206.00	206.00
04/07/22	0065569	Pritzlaff Wholesale	5704	Groceries-Resale	511.59	511.59
04/07/22	0065570	Proforma	5711	Supplies-Resale	9.00	9.00
04/07/22	0065571	PTG Live Events LLC	5243	Other Supplies	6,401.50	6,401.50
04/07/22	0065572	Respiratory Review Workshops Inc	5714	Classroom & Lab Supplies	2,925.00	2,925.00
04/07/22	0065573	Rock Performance Center LLC	5419	Building Rental	6,000.00	6,000.00
04/07/22	0065574	Rosetta Stone Ltd	5840	Equipment	49,605.00	49,605.00
04/07/22	0065575	Rote Oil Ltd	5238	Maint. & Cust. Supp	4,478.11	4,478.11
04/07/22	0065576	Russell Metals Williams Bahcall	5230	Classroom & Lab Supp	4,209.12	4,209.12
04/07/22	0065577	Georgina Rutherford	5840	Equipment	1,500.00	1,500.00
04/07/22	0065578	Ms. Migdaleo Salgado	5840	Equipment	1,500.00	1,500.00
04/07/22	0065579	Laila Scott	5840	Equipment	1,500.00	1,500.00
04/07/22	0065580	Screening One, Inc	5355	Other Contracted Serv.	354.00	354.00
04/07/22	0065581	Selective Gift Institute	5243	Other Supplies	300.00	300.00
04/07/22	0065582	SHI International Corp	5840	Equipment	25,664.33	25,664.33
04/07/22	0065583	Snap-On Industrial	5230	Classroom & Lab Supp	41.00	41.00
04/07/22	0065584	Strang Inc	5830	Imprvmnts/Remdling	17,248.75	17,248.75
04/07/22	0065585	Sweet Skincare LLC	5230	Classroom & Lab Supp	648.00	648.00
04/07/22	0065586	TouchPoint Medical Inc	5281	Classroom/Lab Eq. Rep.	2,810.00	2,810.00
04/07/22	0065587	Truck Fleet Services LLC	5281	Classroom/Lab Eq. Rep.	9,337.32	9,337.32
04/07/22	0065588	The Registry Inc	5243	Other Supplies	2,700.00	2,700.00
04/07/22	0065589	Verizon Wireless	5243	Other Supplies	160.06	160.06
04/07/22	0065590	Visionpoint Media, Inc.	5270	Advertising	69,454.97	69,454.97
04/07/22	0065591	Waste Management of Milwaukee	5359	Waste Disposal	7,339.90	7,339.90
04/07/22	0065592	WiscNet	5840	Equipment	50.00	50.00
04/07/22	0065593	Wisconsin Library Services Inc	5220	Membership & Subscript	88.00	88.00
04/07/22	0065594	Wisconsin Newspaper Association	5220	Membership & Subscript	111.00	111.00
04/07/22	0065595	Wisconsin Realtors Association	5707	New Book-Resale	1,322.05	1,322.05
04/14/22	0065702	A/E Graphics Inc	5830	Imprvmnts/Remdling	68.72	68.72
04/14/22	0065703	ACD Direct	5355	Other Contracted Serv.	6,730.44	6,730.44
04/14/22	0065704	Almabase Inc	5840	Equipment	24,300.00	24,300.00
04/14/22	0065705	American City Business Journals Inc	5272	Print Advertising	3,225.00	3,225.00
04/14/22	0065706	American Society for Clinical Patho	5220	Membership & Subscript	150.00	150.00
04/14/22	0065707	Anodyne Coffee Roasting Company	5704	Groceries-Resale	181.10	181.10
04/14/22	0065708	AT&T	5454	Telephone	4,470.34	4,470.34
04/14/22	0065709	AT&T	5454	Telephone	3,828.00	3,828.00
04/14/22	0065710	AT&T - SBS	5454	Telephone	38,764.17	38,764.17
04/14/22	0065711	At&t Long Distance	5454	Telephone	110.20	110.20
04/14/22	0065712	B&h Photo Video	5840	Equipment	1,452.36	1,452.36
04/14/22	0065713	Baked MKE - Rachel Schmidbauer	5704	Groceries-Resale	340.03	340.03
04/14/22	0065714	Bakemark Usa	5704	Groceries-Resale	702.14	702.14
04/14/22	0065715	Batteries Plus LLC	5238	Maint. & Cust. Supp	53.44	53.44
04/14/22	0065716	Craig R. Beyler	5363	Officials	110.00	110.00
04/14/22	0065717	Blair Fire Protection Llc	5830	Imprvmnts/Remdling	12,500.00	12,500.00
04/14/22	0065718	Nancy Blair	5357	Professional & Consult	8,400.00	8,400.00
04/14/22	0065719	Mr. Randall T. Casey	5203	Meals	2,060.00	2,060.00
04/14/22	0065720	Cedarburg Grafton Rotary	5247	Special Occasions	2,000.00	2,000.00
04/14/22	0065721	Chefs Warehouse Midwest Llc Chefs W	5704	Groceries-Resale	2,922.86	2,922.86
04/14/22	0065722	City of Mequon	4118	Tax Levy-Pay-Back	285.73	3,087.20
04/14/22	0065722	City of Mequon	5455	Water	2,801.47	3,087.20
04/14/22	0065723	City of Oak Creek	4118	Tax Levy-Pay-Back	293.11	293.11
04/14/22	0065724	City of St Francis	4118	Tax Levy-Pay-Back	342.80	342.80
04/14/22	0065725	City of West Allis	4118	Tax Levy-Pay-Back	792.72	964.97
04/14/22	0065725	City of West Allis	5242	Operating Supplies	172.25	964.97
04/14/22	0065726	Clever Sauce Creative LLC	5243	Other Supplies	824.11	824.11
04/14/22	0065727	Compost Crusader LLC	5359	Waste Disposal	320.00	320.00
04/14/22	0065728	Cozzini Bros Inc	5714	Classroom & Lab Supplies	53.00	53.00
04/14/22	0065729	Dentsply International Professional	5243	Other Supplies	1,035.00	1,035.00
04/14/22	0065730	Diamedical Usa Equipment Llc	5840	Equipment	31,490.00	31,490.00
04/14/22	0065731	Brinks Incorporated	5355	Other Contracted Serv.	9,793.62	9,793.62

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Check Date	Check Number	Vendor Name	Classification	Description	Object Amount	Check Amount
04/14/22	0065732	Elsevier	5714	Classroom & Lab Supplies	14,401.00	14,401.00
04/14/22	0065733	Emergency Medical Products Inc	5230	Classroom & Lab Supp	250.53	250.53
04/14/22	0065734	Evertz Microsystems Ltd	5674	Technical Operations	1,500.00	1,500.00
04/14/22	0065735	Exelon Corporation	5450	Gas	9,878.97	9,878.97
04/14/22	0065736	Fortune Fish Co	5704	Groceries-Resale	2,950.57	2,950.57
04/14/22	0065737	Fortune International, LLC	5704	Groceries-Resale	372.58	372.58
04/14/22	0065738	General Beverage Sales	5704	Groceries-Resale	151.10	151.10
04/14/22	0065739	Goldfish Uniforms	5238	Maint. & Cust. Supp	387.30	387.30
04/14/22	0065740	Mr. Sergio M. Gonzalez	5357	Professional & Consult	1,000.00	1,000.00
04/14/22	0065741	Goodwill Talentbridge, Llc	5355	Other Contracted Serv.	399.60	399.60
04/14/22	0065742	Grafton Ace Hardware	5230	Classroom & Lab Supp	198.89	198.89
04/14/22	0065743	Grumman Butkus Associates	3411	Resd for Encumbrances	388.00	388.00
04/14/22	0065744	Interiorscapes, Inc	5355	Other Contracted Serv.	509.61	509.61
04/14/22	0065745	J J Keller & Associates Inc	5243	Other Supplies	102.73	102.73
04/14/22	0065746	J.H. Hassinger, Inc.	5830	Imprvmnts/Remdling	1,291.50	1,291.50
04/14/22	0065747	L K Goodwin Co Inc	5840	Equipment	3,743.28	3,743.28
04/14/22	0065748	Lifeline Medical Inc	5230	Classroom & Lab Supp	682.00	682.00
04/14/22	0065749	Literacy Services	1340	Acct Rec Advance to Da	4,990.52	4,990.52
04/14/22	0065750	Marianna Inc	5230	Classroom & Lab Supp	1,403.22	3,583.93
04/14/22	0065750	Marianna Inc	5243	Other Supplies	2,180.71	3,583.93
04/14/22	0065751	MBS Textbook Exchange Inc	5712	Used Books-Resale	798.22	798.22
04/14/22	0065752	Medline Industries	5230	Classroom & Lab Supp	156.03	1,778.57
04/14/22	0065752	Medline Industries	5248	Classrm/Lab Equip.	1,622.54	1,778.57
04/14/22	0065753	Menards Inc	5230	Classroom & Lab Supp	25.55	380.87
04/14/22	0065753	Menards Inc	5243	Other Supplies	355.32	380.87
04/14/22	0065754	Milwaukee Courier	5830	Imprvmnts/Remdling	579.73	579.73
04/14/22	0065755	Milwaukee Public Museum	5260	Printing & Duplicating	137.50	137.50
04/14/22	0065756	Minnesota Elevator Inc	5353	Elevator P.M.	12,397.00	12,397.00
04/14/22	0065757	Mueller Communications LLC	5357	Professional & Consult	3,238.90	3,238.90
04/14/22	0065758	National Accrediting Agency	5220	Membership & Subscript	2,451.00	2,451.00
04/14/22	0065759	Neu's Building Center Inc	5230	Classroom & Lab Supp	52.28	52.28
04/14/22	0065760	Ney's Premium Inc.	5704	Groceries-Resale	238.09	238.09
04/14/22	0065761	Nielsen Media Research	5661	Audience Research	19,613.96	19,613.96
04/14/22	0065762	Daniel Niemiec	5363	Officials	300.00	300.00
04/14/22	0065763	Nowak Dental Supplies, Inc.	5230	Classroom & Lab Supp	80.33	80.33
04/14/22	0065764	John J. Orowick	5363	Officials	300.00	300.00
04/14/22	0065765	David J Perez III	5840	Equipment	1,000.00	1,000.00
04/14/22	0065766	Phi Theta Kappa	5501	Student Activities	1,495.00	1,495.00
04/14/22	0065767	Mr. Mark S. Picard	5205	Recruiting	70.00	70.00
04/14/22	0065768	Pitney Bowes Global Financial Services	5355	Other Contracted Serv.	1,114.26	1,114.26
04/14/22	0065769	Pitney Bowes/Presort Service	5259	Postage	1,688.69	1,688.69
04/14/22	0065770	Port A John	5355	Other Contracted Serv.	103.00	103.00
04/14/22	0065771	Postmaster	5259	Postage	265.00	265.00
04/14/22	0065772	Pritzlaff Wholesale	5704	Groceries-Resale	212.90	212.90
04/14/22	0065773	Progressive Warehousing Vally Baker	5704	Groceries-Resale	388.46	565.54
04/14/22	0065773	Progressive Warehousing Vally Baker	5714	Classroom & Lab Supplies	177.08	565.54
04/14/22	0065774	Quadient Inc Dept 3689	5259	Postage	6,398.72	6,398.72
04/14/22	0065775	Rev.com Inc	5668	Program Production	287.64	287.64
04/14/22	0065776	Royle Printing Co	5259	Postage	293.36	8,118.23
04/14/22	0065776	Royle Printing Co	5260	Printing & Duplicating	7,824.87	8,118.23
04/14/22	0065777	Secure Information Destruction LLC	5355	Other Contracted Serv.	94.50	1,176.00
04/14/22	0065777	Secure Information Destruction LLC	5359	Waste Disposal	1,081.50	1,176.00
04/14/22	0065778	Selective Gift Institute	5243	Other Supplies	150.00	150.00
04/14/22	0065779	Sepro Marine Bio Llc	5356	Permits & License	140.00	140.00
04/14/22	0065780	Sherwin Williams	5238	Maint. & Cust. Supp	64.78	64.78
04/14/22	0065781	Snap-On Industrial	5230	Classroom & Lab Supp	41.00	41.00
04/14/22	0065782	South Central Library System	5355	Other Contracted Serv.	1,398.00	1,398.00
04/14/22	0065783	Spanish Journal	5830	Imprvmnts/Remdling	250.00	250.00
04/14/22	0065784	Staples Business Advantage	5230	Classroom & Lab Supp	380.08	9,337.88
04/14/22	0065784	Staples Business Advantage	5235	Instructional Material	47.30	9,337.88
04/14/22	0065784	Staples Business Advantage	5241	Office Supplies	6,154.57	9,337.88
04/14/22	0065784	Staples Business Advantage	5243	Other Supplies	1,835.49	9,337.88
04/14/22	0065784	Staples Business Advantage	5248	Classrm/Lab Equip.	599.86	9,337.88
04/14/22	0065784	Staples Business Advantage	5249	Office/Gen. Equip.	320.58	9,337.88
04/14/22	0065785	Stone Creek Coffee Roasters	5704	Groceries-Resale	1,072.75	1,072.75

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Check Date	Check Number	Vendor Name	Classification	Description	Object Amount	Check Amount
04/14/22	0065786	Strang Inc	5830	Imprvmnts/Remdling	2,233.50	2,233.50
04/14/22	0065787	Time Warner Cable	5454	Telephone	1,956.82	1,956.82
04/14/22	0065788	Total Filtration Services Inc	5238	Maint. & Cust. Supp	1,489.27	1,489.27
04/14/22	0065789	TriMark Mariinn LLC	5714	Classroom & Lab Supplies	2,104.85	2,104.85
04/14/22	0065790	The Argen Corporation	5230	Classroom & Lab Supp	668.02	668.02
04/14/22	0065791	Waste Management of Milwaukee	5359	Waste Disposal	355.61	355.61
04/14/22	0065792	Westlaw	5243	Other Supplies	819.34	819.34
04/14/22	0065793	Wide Awake Inc	5357	Professional & Consult	7,500.00	7,500.00
04/14/22	0065794	Wil-Surge Electric	3411	Resd for Encumbrances	189,000.00	189,000.00
04/14/22	0065795	Mr. Edward A. Winters	5830	Imprvmnts/Remdling	640.86	640.86
04/14/22	0065796	WiscNet	5840	Equipment	716.00	716.00
04/14/22	0065797	Wisconsin Center for Nursing, Inc	5270	Advertising	3,000.00	3,000.00
04/14/22	0065798	Zahn Dental/Henry Schein	5230	Classroom & Lab Supp	125.11	2,538.41
04/14/22	0065798	Zahn Dental/Henry Schein	5243	Other Supplies	2,413.30	2,538.41
04/14/22	0065799	Ronald M. Zielinski	5363	Officials	110.00	110.00
04/21/22	0065804	A/E Graphics Inc	5830	Imprvmnts/Remdling	463.54	463.54
04/21/22	0065805	Advanced Welding Supply Co Inc	5230	Classroom & Lab Supp	112.50	112.50
04/21/22	0065806	Aircraft Spruce & Specialty Co	5230	Classroom & Lab Supp	131.41	131.41
04/21/22	0065807	Apple Computer Inc	5840	Equipment	4,392.00	4,392.00
04/21/22	0065808	Applied Measurement Prof	5714	Classroom & Lab Supplies	1,650.00	1,650.00
04/21/22	0065809	At&t Mobility	5454	Telephone	9,129.67	9,129.67
04/21/22	0065810	Aurora Health Care Inc	5355	Other Contracted Serv.	2,655.84	2,655.84
04/21/22	0065811	Boeing Distribution Inc	5230	Classroom & Lab Supp	31.14	31.14
04/21/22	0065812	Baked MKE - Rachel Schmidbauer	5704	Groceries-Resale	647.80	647.80
04/21/22	0065813	Craig R. Beyler	5363	Officials	180.00	180.00
04/21/22	0065814	Bibliotheca LLC	5840	Equipment	1,775.00	1,775.00
04/21/22	0065815	Bliffert Lumber & Hardware	5238	Maint. & Cust. Supp	12.60	12.60
04/21/22	0065816	Christopher Bormann	5363	Officials	85.00	85.00
04/21/22	0065817	Butters Fetting Co Inc	5355	Other Contracted Serv.	6,085.34	7,385.34
04/21/22	0065817	Butters Fetting Co Inc	5840	Equipment	1,300.00	7,385.34
04/21/22	0065818	Caprile Marketing Design	5243	Other Supplies	1,314.13	2,325.00
04/21/22	0065818	Caprile Marketing Design	5272	Print Advertising	1,010.87	2,325.00
04/21/22	0065819	Mr. Randall T. Casey	5203	Meals	860.00	860.00
04/21/22	0065820	Cintas Corporation Floor Mats	5355	Other Contracted Serv.	464.65	464.65
04/21/22	0065821	City of Oak Creek	5356	Permits & License	281.18	281.18
04/21/22	0065822	Consilience Group LLC	5357	Professional & Consult	3,750.00	3,750.00
04/21/22	0065823	ConvergeOne Inc	5248	Classrm/Lab Equip.	14,975.00	14,975.00
04/21/22	0065824	Covanta Environmental Solutions Llc	5359	Waste Disposal	1,206.33	1,206.33
04/21/22	0065825	Cozzini Bros Inc	5714	Classroom & Lab Supplies	191.00	191.00
04/21/22	0065826	Alea B. Cross	5243	Other Supplies	24.99	24.99
04/21/22	0065827	Hulbert Piano	5840	Equipment	10,949.00	10,949.00
04/21/22	0065828	Dentsply Sirona Inc	5243	Other Supplies	79.20	79.20
04/21/22	0065829	Diamedical Usa Equipment Llc	5243	Other Supplies	795.00	795.00
04/21/22	0065830	E-Z Windows Inc	5355	Other Contracted Serv.	1,682.00	1,682.00
04/21/22	0065831	Easydrift Technology LLC	5243	Other Supplies	1,643.69	1,643.69
04/21/22	0065832	Emergency Medical Products Inc	5230	Classroom & Lab Supp	15.84	15.84
04/21/22	0065833	Fastenal	5230	Classroom & Lab Supp	225.99	225.99
04/21/22	0065834	Fastenal Company	5238	Maint. & Cust. Supp	825.55	825.55
04/21/22	0065835	Fastenal Company	5230	Classroom & Lab Supp	498.81	498.81
04/21/22	0065836	Formlabs Inc	5246	Software	1,398.00	1,398.00
04/21/22	0065837	Fortune Fish Co	5704	Groceries-Resale	433.00	433.00
04/21/22	0065838	Froedtert Health	5243	Other Supplies	19,278.00	19,278.00
04/21/22	0065839	GALLS LLC	5243	Other Supplies	355.37	496.05
04/21/22	0065839	GALLS LLC	5840	Equipment	140.68	496.05
04/21/22	0065840	GearGrid, LLC	5243	Other Supplies	2,588.00	2,588.00
04/21/22	0065841	Goldfish Uniforms	5238	Maint. & Cust. Supp	146.28	146.28
04/21/22	0065842	Granular LLC	5270	Advertising	500.00	500.00
04/21/22	0065843	Graybar Electric Inc	5840	Equipment	64.15	64.15
04/21/22	0065844	INSPEC Inc	3411	Resd for Encumbrances	1,000.00	1,000.00
04/21/22	0065845	Amanda L. Kendziora	5363	Officials	170.00	170.00
04/21/22	0065846	Kilgore International Inc	5243	Other Supplies	145.32	145.32
04/21/22	0065847	L K Goodwin Co Inc	5840	Equipment	14,713.20	14,713.20
04/21/22	0065848	Lincoln Electric Company	5230	Classroom & Lab Supp	2,930.78	2,930.78
04/21/22	0065849	Masonry Restoration Inc	5280	Building Repairs	2,550.00	2,550.00
04/21/22	0065850	Matheson Tri-Gas, Inc #3028	5230	Classroom & Lab Supp	810.81	810.81

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04/21/22	0065851	McKesson HBOC	5230	Classroom & Lab Supp	13.83	13.83
04/21/22	0065852	Medinger Co Inc., J H	5355	Other Contracted Serv.	11.98	11.98
04/21/22	0065853	Medline Industries	5230	Classroom & Lab Supp	48.55	2,309.57
04/21/22	0065853	Medline Industries	5248	Classrm/Lab Equip.	2,261.02	2,309.57
04/21/22	0065854	John Melendez	5363	Officials	180.00	180.00
04/21/22	0065855	Menards Inc	5238	Maint. & Cust. Supp	22.68	22.68
04/21/22	0065856	Midway Dental Supply LLC	5243	Other Supplies	307.52	307.52
04/21/22	0065857	Milwaukee Water Works	5455	Water	14,270.78	14,270.78
04/21/22	0065858	Minnesota Elevator Inc	5355	Other Contracted Serv.	678.00	678.00
04/21/22	0065859	Jennifer Murphy	5363	Officials	540.00	540.00
04/21/22	0065860	Napa Auto Parts	5238	Maint. & Cust. Supp	323.18	323.18
04/21/22	0065861	National Alliance for Partnerships	5211	Seminars & Workshops	2,805.00	2,805.00
04/21/22	0065862	Neher Electric Supply Inc	5238	Maint. & Cust. Supp	23.10	23.10
04/21/22	0065863	Northern Tool & Equipment	5243	Other Supplies	1,542.32	1,542.32
04/21/22	0065864	Orkin Commercial Services	5355	Other Contracted Serv.	166.69	166.69
04/21/22	0065865	Aaron Ovsienko	5355	Other Contracted Serv.	3,250.00	3,250.00
04/21/22	0065866	Passport Labs, Inc.	5282	Off. General Eq. Rep.	62.53	62.53
04/21/22	0065867	Patterson Dental Supply Inc	5242	Operating Supplies	8,441.60	8,961.61
04/21/22	0065867	Patterson Dental Supply Inc	5243	Other Supplies	520.01	8,961.61
04/21/22	0065868	PB Markers	5230	Classroom & Lab Supp	1,115.00	1,115.00
04/21/22	0065869	Pearson Higher Education	5707	New Book-Resale	679.50	679.50
04/21/22	0065870	Pritzlaff Wholesale	5704	Groceries-Resale	85.90	85.90
04/21/22	0065871	John R. Quinlan	5363	Officials	170.00	170.00
04/21/22	0065872	Redshelf Inc	5706	Inclusive Access	175,172.73	175,172.73
04/21/22	0065873	Kevin M. Scholz	5363	Officials	180.00	180.00
04/21/22	0065874	Amalia F. Schoone	5352	Contracted Employment	4,148.00	4,148.00
04/21/22	0065875	Secure Information Destruction LLC	5355	Other Contracted Serv.	115.50	115.50
04/21/22	0065876	Skyline Catering	5243	Other Supplies	119.60	119.60
04/21/22	0065877	Shannon Slates	5363	Officials	405.00	405.00
04/21/22	0065878	Stone Creek Coffee Roasters	5704	Groceries-Resale	658.25	658.25
04/21/22	0065879	Strang Inc	5830	Imprvmnts/Remdling	2,624.00	2,624.00
04/21/22	0065880	Thermo Fisher Scientific #542245	5230	Classroom & Lab Supp	398.96	398.96
04/21/22	0065881	Uline	5243	Other Supplies	59.57	59.57
04/21/22	0065882	Richard A. Vande Zande	5363	Officials	85.00	85.00
04/21/22	0065883	Veritiv Operating Company	5244	Production Supplies	926.22	926.22
04/21/22	0065884	Viewpoint LLC	5355	Other Contracted Serv.	836.24	836.24
04/21/22	0065885	Waste Management of Milwaukee	5359	Waste Disposal	358.50	358.50
04/21/22	0065886	West Quarter West LLC	5418	Room Rental	14,223.41	14,223.41
04/21/22	0065887	Wolter, Inc	5355	Other Contracted Serv.	1,336.00	1,336.00
04/21/22	0065888	Ronald M. Zielinski	5363	Officials	180.00	180.00
04/28/22	0065893	Accuweather Inc	5674	Technical Operations	450.00	450.00
04/28/22	0065894	Advertising Boelter & Lincoln Milw	5355	Other Contracted Serv.	11,031.75	11,031.75
04/28/22	0065895	Saadia Ahmad	5352	Contracted Employment	1,100.00	1,100.00
04/28/22	0065896	American Association of	5714	Classroom & Lab Supplies	875.00	875.00
04/28/22	0065897	American Medical Technologists	5714	Classroom & Lab Supplies	810.00	810.00
04/28/22	0065898	Anodyne Coffee Roasting Company	5704	Groceries-Resale	25.00	25.00
04/28/22	0065899	Arteaga Construction Inc	5355	Other Contracted Serv.	463.15	463.15
04/28/22	0065900	AT&T	5454	Telephone	10,008.14	10,008.14
04/28/22	0065901	At&t Mobility	5454	Telephone	21.86	21.86
04/28/22	0065902	Atlas Copco Compressor LLC	5280	Building Repairs	3,133.31	3,133.31
04/28/22	0065903	Automationdirect.Com Inc	5230	Classroom & Lab Supp	357.00	357.00
04/28/22	0065904	Boeing Distribution Inc	5230	Classroom & Lab Supp	10.65	10.65
04/28/22	0065905	Boeing Distribution Inc	5230	Classroom & Lab Supp	276.96	276.96
04/28/22	0065906	Badger Thermal Unlimited LLC	5238	Maint. & Cust. Supp	556.58	556.58
04/28/22	0065907	BankMobile Technologies Inc	5355	Other Contracted Serv.	2,385.00	2,385.00
04/28/22	0065908	Craig R. Beyler	5363	Officials	180.00	180.00
04/28/22	0065909	Bliffert Lumber & Hardware	5238	Maint. & Cust. Supp	56.09	56.09
04/28/22	0065910	Christopher Bormann	5363	Officials	85.00	85.00
04/28/22	0065911	Carlin Horticultural Supplies	5230	Classroom & Lab Supp	478.31	478.31
04/28/22	0065912	Mr. Randall T. Casey	5203	Meals	1,900.00	1,900.00
04/28/22	0065913	Chefs Warehouse Midwest Llc Chefs W	5704	Groceries-Resale	1,227.11	1,227.11
04/28/22	0065914	Clever Sauce Creative LLC	5355	Other Contracted Serv.	20,500.00	20,500.00
04/28/22	0065915	Columbia Pipe & Supply Co	5238	Maint. & Cust. Supp	60.22	60.22
04/28/22	0065916	Condor Aviation Inc	5230	Classroom & Lab Supp	1,382.00	1,382.00
04/28/22	0065917	Consilience Group LLC	5357	Professional & Consult	7,520.00	7,520.00

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Check Date	Check Number	Vendor Name	Classification	Description	Object Amount	Check Amount
04/28/22	0065918	Crescent Electric Supply Co	5238	Maint. & Cust. Supp	282.96	282.96
04/28/22	0065919	Cummins Inc.	5238	Maint. & Cust. Supp	1,066.22	1,066.22
04/28/22	0065920	Denmat Holdings Llc	5243	Other Supplies	323.39	323.39
04/28/22	0065921	Edge Systems LLC	5711	Supplies-Resale	3,758.33	3,758.33
04/28/22	0065922	Kerry Egdorf	5352	Contracted Employment	1,240.00	1,240.00
04/28/22	0065923	EVERWhite Corporation	5238	Maint. & Cust. Supp	1,385.00	1,385.00
04/28/22	0065924	Excel Disposal of Wisconsin LLC	5830	Imprvmnts/Remding	1,167.04	1,167.04
04/28/22	0065925	Exelon Corporation	5450	Gas	5,323.66	5,323.66
04/28/22	0065926	Sarah Farrukh	5352	Contracted Employment	1,952.80	1,952.80
04/28/22	0065927	Federal Express Corp	5707	New Book-Resale	715.80	715.80
04/28/22	0065928	Fluid Aire Dynamics Inc	5355	Other Contracted Serv.	4,293.42	4,293.42
04/28/22	0065929	Fortune Fish Co	5704	Groceries-Resale	806.73	806.73
04/28/22	0065930	Franklin Business Park Consortium	5220	Membership & Subscript	100.00	100.00
04/28/22	0065931	Goldfish Uniforms	5238	Maint. & Cust. Supp	464.68	464.68
04/28/22	0065932	Joey Hager	5363	Officials	170.00	170.00
04/28/22	0065933	Henricksen Co	5840	Equipment	55,888.03	55,888.03
04/28/22	0065934	Holiday Wholesale Inc.	5704	Groceries-Resale	976.95	976.95
04/28/22	0065935	IXL Learning	5220	Membership & Subscript	948.00	948.00
04/28/22	0065936	Johnson Controls Inc	5350	Chiller P.M.	7,154.55	9,306.99
04/28/22	0065936	Johnson Controls Inc	5355	Other Contracted Serv.	2,152.44	9,306.99
04/28/22	0065937	Joint Review Committee on	5220	Membership & Subscript	2,770.00	2,770.00
04/28/22	0065938	Amanda L. Kendziora	5363	Officials	170.00	170.00
04/28/22	0065939	Keystone Automotive Industries	5711	Supplies-Resale	1,189.98	1,189.98
04/28/22	0065940	Kiwanis Club of Milwaukee, Inc	5220	Membership & Subscript	185.00	185.00
04/28/22	0065941	Lemberg Electric Co Inc	5355	Other Contracted Serv.	6,250.00	6,250.00
04/28/22	0065942	Lane Luxem	5363	Officials	360.00	360.00
04/28/22	0065943	Medline Industries	5243	Other Supplies	42.95	42.95
04/28/22	0065944	Membership Management Services Inc	5243	Other Supplies	100.00	100.00
04/28/22	0065945	Menards Inc	5230	Classroom & Lab Supp	71.56	101.09
04/28/22	0065945	Menards Inc	5238	Maint. & Cust. Supp	29.53	101.09
04/28/22	0065946	Menards Inc	5238	Maint. & Cust. Supp	699.86	699.86
04/28/22	0065947	Midland Paper Company	5244	Production Supplies	5,880.53	5,880.53
04/28/22	0065948	Milwaukee Journal Sentinel Inc	5361	Legal Services	736.38	736.38
04/28/22	0065949	Milwaukee Water Works	5455	Water	1,548.50	1,548.50
04/28/22	0065950	Mpact Communications	5357	Professional & Consult	1,500.00	1,500.00
04/28/22	0065951	Jennifer Murphy	5363	Officials	270.00	270.00
04/28/22	0065952	Mv Sport Corporation Inc	5711	Supplies-Resale	2,548.78	2,548.78
04/28/22	0065953	NSI, Inc	5840	Equipment	15,499.06	15,499.06
04/28/22	0065954	Napa Auto Parts	5230	Classroom & Lab Supp	735.94	735.94
04/28/22	0065955	Napa Auto Parts	5230	Classroom & Lab Supp	42.49	42.49
04/28/22	0065956	Neher Electric Supply Inc	5238	Maint. & Cust. Supp	644.20	644.20
04/28/22	0065957	Neu's Building Center Inc	5230	Classroom & Lab Supp	455.81	494.68
04/28/22	0065957	Neu's Building Center Inc	5238	Maint. & Cust. Supp	38.87	494.68
04/28/22	0065958	Ney's Premium Inc.	5704	Groceries-Resale	231.34	231.34
04/28/22	0065959	Nowak Dental Supplies, Inc.	5840	Equipment	1,050.00	1,050.00
04/28/22	0065960	Pacific Telemanagement Svcs	5454	Telephone	53.00	53.00
04/28/22	0065961	Pearson Higher Education	5707	New Book-Resale	259.98	259.98
04/28/22	0065962	Pinn-Oak Farms	5704	Groceries-Resale	240.53	240.53
04/28/22	0065963	Pitney Bowes/Presort Service	5259	Postage	255.80	255.80
04/28/22	0065964	Quick Fuel	5230	Classroom & Lab Supp	5,768.58	5,768.58
04/28/22	0065965	John R. Quinlan	5363	Officials	170.00	170.00
04/28/22	0065966	Registration Fee Trust	5243	Other Supplies	20.00	20.00
04/28/22	0065967	Rote Oil Ltd	5238	Maint. & Cust. Supp	2,440.54	2,440.54
04/28/22	0065968	SAR of Milwaukee LLC	5840	Equipment	2,148.83	2,148.83
04/28/22	0065969	Scorebuilders	5714	Classroom & Lab Supplies	1,071.50	1,071.50
04/28/22	0065970	Scrip Companies	5711	Supplies-Resale	137.29	137.29
04/28/22	0065971	Sheboygan County Economic Developme	5220	Membership & Subscript	150.00	150.00
04/28/22	0065972	Snap-On Industrial	5230	Classroom & Lab Supp	191.03	191.03
04/28/22	0065973	Sweetbush	5355	Other Contracted Serv.	87.00	87.00
04/28/22	0065974	Terra Translations, LLC	5355	Other Contracted Serv.	779.03	779.03
04/28/22	0065975	Susan L. Theiss	5352	Contracted Employment	920.00	920.00
04/28/22	0065976	Thyssen Printing Services, Inc.	5259	Postage	5,047.96	5,047.96
04/28/22	0065977	Total Water Treatment Systems, Inc.	5230	Classroom & Lab Supp	2,806.00	2,806.00
04/28/22	0065978	TriMark Marlinn LLC	5714	Classroom & Lab Supplies	273.25	273.25
04/28/22	0065979	UPS	5259	Postage	982.52	982.52

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04/28/22	0065980	Richard A. Vande Zande	5363	Officials	85.00	85.00
04/28/22	0065981	Wisconsin Electric Power Co	5450	Gas	2,240.03	2,257.17
04/28/22	0065981	Wisconsin Electric Power Co	5452	Electricity	17.14	2,257.17
04/28/22	0065982	Zaina LLC	5238	Maint. & Cust. Supp	2,870.00	2,870.00
04/28/22	0065983	Ronald M. Zielinski	5363	Officials	360.00	360.00
04/07/22	0278385	AV Design Group Inc	5840	Equipment	31,600.00	31,600.00
04/07/22	0278386	Balestrieri Environmental & Develop	5355	Other Contracted Serv.	2,130.00	3,880.00
04/07/22	0278386	Balestrieri Environmental & Develop	5830	Imprvmnts/Remdling	1,750.00	3,880.00
04/07/22	0278387	Boelter Companies	5714	Classroom & Lab Supplies	480.29	480.29
04/07/22	0278388	Boer Architects Inc	5830	Imprvmnts/Remdling	10,000.00	10,000.00
04/07/22	0278389	C H Coakley & Co	5355	Other Contracted Serv.	320.00	3,224.00
04/07/22	0278389	C H Coakley & Co	5658	Other Expense	648.00	3,224.00
04/07/22	0278389	C H Coakley & Co	5830	Imprvmnts/Remdling	2,256.00	3,224.00
04/07/22	0278390	CDW Government Inc	5243	Other Supplies	871.60	143,429.60
04/07/22	0278390	CDW Government Inc	5282	Off. General Eq. Rep.	7,990.00	143,429.60
04/07/22	0278390	CDW Government Inc	5840	Equipment	134,568.00	143,429.60
04/07/22	0278391	Chyronhego Corporation	5674	Technical Operations	5,254.31	5,254.31
04/07/22	0278392	Clothes Clinic Inc	5714	Classroom & Lab Supplies	1,250.72	1,250.72
04/07/22	0278393	CoAEMSP	5355	Other Contracted Serv.	75.00	75.00
04/07/22	0278394	Ellucian Company L P	5840	Equipment	319.50	319.50
04/07/22	0278395	Engberg Anderson Inc	5830	Imprvmnts/Remdling	11,227.70	11,227.70
04/07/22	0278396	Gardner Builders Milwaukee Llc	3411	Resd for Encumbrances	672.95	24,842.74
04/07/22	0278396	Gardner Builders Milwaukee Llc	5830	Imprvmnts/Remdling	24,169.79	24,842.74
04/07/22	0278397	W. W. Grainger, Inc	5230	Classroom & Lab Supp	77.15	210.36
04/07/22	0278397	W. W. Grainger, Inc	5238	Maint. & Cust. Supp	3.24	210.36
04/07/22	0278397	W. W. Grainger, Inc	5281	Classroom/Lab Eq. Rep.	129.97	210.36
04/07/22	0278398	Grunau Co. Inc	5355	Other Contracted Serv.	734.36	734.36
04/07/22	0278399	Hatch Staffing Services Inc	5840	Equipment	3,240.00	3,240.00
04/07/22	0278400	Honeywell International Inc	3411	Resd for Encumbrances	50,216.05	50,216.05
04/07/22	0278401	Hurt Electric Inc	5830	Imprvmnts/Remdling	9,800.00	9,800.00
04/07/22	0278402	Key Code Media	5674	Technical Operations	13,100.00	61,377.91
04/07/22	0278402	Key Code Media	5840	Equipment	48,277.91	61,377.91
04/07/22	0278403	Laforce Inc	3411	Resd for Encumbrances	4,563.00	4,563.00
04/07/22	0278404	Marchese Inc., V	5704	Groceries-Resale	5,959.66	5,959.66
04/07/22	0278405	Martek LLC	5840	Equipment	28,984.37	28,984.37
04/07/22	0278406	Michael Best & Friedrich LLP	5361	Legal Services	32,000.00	32,000.00
04/07/22	0278407	Nassco Inc	5238	Maint. & Cust. Supp	737.47	737.47
04/07/22	0278408	Newark Corp	5230	Classroom & Lab Supp	319.79	319.79
04/07/22	0278409	Packerland Rent-A-Mat Inc	5355	Other Contracted Serv.	422.46	422.46
04/07/22	0278410	Papas Bakery Inc	5704	Groceries-Resale	1,391.92	1,391.92
04/07/22	0278411	Safeway Pest Management Co Inc	5355	Other Contracted Serv.	155.00	155.00
04/07/22	0278412	San-A-Care Inc	5238	Maint. & Cust. Supp	6,112.08	6,112.08
04/07/22	0278413	Seek Incorporated	5355	Other Contracted Serv.	11,751.04	12,881.04
04/07/22	0278413	Seek Incorporated	5830	Imprvmnts/Remdling	1,130.00	12,881.04
04/07/22	0278414	Selzer-Ornst Company	5830	Imprvmnts/Remdling	2,554.64	2,554.64
04/07/22	0278415	Southport Engineered Systems, LLC	5830	Imprvmnts/Remdling	2,830.00	2,830.00
04/07/22	0278416	US Brands	5259	Postage	92.33	92.33
04/07/22	0278417	US Foods, Inc	5704	Groceries-Resale	6,717.01	7,349.06
04/07/22	0278417	US Foods, Inc	5714	Classroom & Lab Supplies	632.05	7,349.06
04/07/22	0278418	VWR International Llc	5230	Classroom & Lab Supp	266.11	266.11
04/07/22	0278419	Xerox Corporation	5355	Other Contracted Serv.	100.00	100.00
04/14/22	0278644	Mr. Dean A. Mertins	5243	Other Supplies	99.99	99.99
04/14/22	0278645	A J Heinen Inc	5280	Building Repairs	2,760.00	2,760.00
04/14/22	0278646	Airgas Inc	5230	Classroom & Lab Supp	535.64	535.64
04/14/22	0278647	Arthur J Gallagher Risk Management	5442	Liability Insurance	14,559.00	14,559.00
04/14/22	0278648	Balestrieri Environmental & Develop	5830	Imprvmnts/Remdling	600.00	600.00
04/14/22	0278649	Batzner Pest Management Inc	5355	Other Contracted Serv.	54.00	54.00
04/14/22	0278650	Boelter Companies	5714	Classroom & Lab Supplies	286.96	286.96
04/14/22	0278651	Carolina Biological Supply Co	5230	Classroom & Lab Supp	143.40	143.40
04/14/22	0278652	CDW Government Inc	5243	Other Supplies	177.00	25,377.00
04/14/22	0278652	CDW Government Inc	5840	Equipment	25,200.00	25,377.00
04/14/22	0278653	City of Cudahy	4118	Tax Levy-Pay-Back	243.55	243.55
04/14/22	0278654	Duet Resource Group	5840	Equipment	2,029.78	2,029.78
04/14/22	0278655	Dynamic Campus	5840	Equipment	787.50	787.50
04/14/22	0278656	Forest Incentives Ltd	5243	Other Supplies	20,023.33	24,018.37

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04/14/22	0278656	Forest Incentives Ltd	5259	Postage	3,995.04	24,018.37
04/14/22	0278657	Forms + Surfaces	5840	Equipment	2,565.00	2,565.00
04/14/22	0278658	Full Compass Systems LTD-FBB	5840	Equipment	777.24	777.24
04/14/22	0278659	Gardner Builders Milwaukee Llc	5830	Imprvmnts/Remdling	38,615.75	38,615.75
04/14/22	0278660	W. W. Grainger, Inc	5230	Classroom & Lab Supp	891.32	1,032.30
04/14/22	0278660	W. W. Grainger, Inc	5238	Maint. & Cust. Supp	140.98	1,032.30
04/14/22	0278661	Grunau Co. Inc	5355	Other Contracted Serv.	1,507.46	1,507.46
04/14/22	0278662	Itu Absorb Tech Inc	5282	Off. General Eq. Rep.	90.81	90.81
04/14/22	0278663	Kahler Slater	5830	Imprvmnts/Remdling	6,150.00	6,150.00
04/14/22	0278664	Packerland Rent-A-Mat Inc	5355	Other Contracted Serv.	2,322.17	2,322.17
04/14/22	0278665	Paragon Development Systems	5840	Equipment	25,947.90	25,947.90
04/14/22	0278666	RyTech, LLC	5270	Advertising	8,000.84	8,000.84
04/14/22	0278667	Safeway Pest Management Co Inc	5355	Other Contracted Serv.	315.00	315.00
04/14/22	0278668	San-A-Care Inc	5238	Maint. & Cust. Supp	1,929.15	1,929.15
04/14/22	0278669	Seek Incorporated	5355	Other Contracted Serv.	2,353.40	2,353.40
04/14/22	0278670	SET Engineering, LLC	5355	Other Contracted Serv.	4,750.00	4,750.00
04/14/22	0278671	US Foods, Inc	5704	Groceries-Resale	7,861.81	9,692.20
04/14/22	0278671	US Foods, Inc	5714	Classroom & Lab Supplies	1,830.39	9,692.20
04/14/22	0278672	Village of West Milwaukee	4118	Tax Levy-Pay-Back	740.88	740.88
04/14/22	0278673	VWR International Llc	5230	Classroom & Lab Supp	250.23	250.23
04/14/22	0278674	Xerox Corporation	5282	Off. General Eq. Rep.	3,450.00	3,450.00
04/21/22	0278818	Mike Contreras	5363	Officials	180.00	180.00
04/21/22	0278819	Cari L. Dulan	5201	Travel Expenses	234.48	234.48
04/21/22	0278820	Mark J. Felsheim	5201	Travel Expenses	351.00	351.00
04/21/22	0278821	Mr. Scott A. Finnessy	5201	Travel Expenses	29.25	29.25
04/21/22	0278822	Mr. Mark S. Picard	5205	Recruiting	261.63	261.63
04/21/22	0278823	Scott Trottier	5363	Officials	180.00	180.00
04/21/22	0278824	Joan Viksjo	5201	Travel Expenses	75.00	75.00
04/21/22	0278825	A/E Graphics Inc	5270	Advertising	3,486.01	3,486.01
04/21/22	0278826	Airgas Inc	5230	Classroom & Lab Supp	606.67	620.43
04/21/22	0278826	Airgas Inc	5678	Wmvs Transmitter Rep.	13.76	620.43
04/21/22	0278827	Arthur J Gallagher Risk Management	5442	Liability Insurance	141.00	141.00
04/21/22	0278828	Building Service Inc	5830	Imprvmnts/Remdling	32,550.00	32,550.00
04/21/22	0278829	CDW Government Inc	5840	Equipment	2,678.75	2,678.75
04/21/22	0278830	Cintas Corporation	5355	Other Contracted Serv.	6,499.42	6,499.42
04/21/22	0278831	Digi-Key Electronics	5230	Classroom & Lab Supp	83.74	83.74
04/21/22	0278832	W. W. Grainger, Inc	5230	Classroom & Lab Supp	141.89	849.62
04/21/22	0278832	W. W. Grainger, Inc	5281	Classroom/Lab Eq. Rep.	707.73	849.62
04/21/22	0278833	Grunau Co. Inc	5281	Classroom/Lab Eq. Rep.	876.89	19,234.66
04/21/22	0278833	Grunau Co. Inc	5355	Other Contracted Serv.	6,247.77	19,234.66
04/21/22	0278833	Grunau Co. Inc	5830	Imprvmnts/Remdling	12,110.00	19,234.66
04/21/22	0278834	Hatch Staffing Services Inc	5352	Contracted Employment	1,043.63	1,043.63
04/21/22	0278835	Honeywell International Inc	5830	Imprvmnts/Remdling	53,000.00	53,000.00
04/21/22	0278836	Hy Test Safety Shoe Service	5238	Maint. & Cust. Supp	100.00	100.00
04/21/22	0278837	Interstate Parking	5419	Building Rental	27,037.50	27,037.50
04/21/22	0278838	Madison National Life	2224	Life Insurance Pay	41,982.88	77,151.65
04/21/22	0278838	Madison National Life	2227	Payable to OPEB Trust	33,752.95	77,151.65
04/21/22	0278838	Madison National Life	5104	Life Insurance	1,415.82	77,151.65
04/21/22	0278839	McKinley Avenue LLC	5355	Other Contracted Serv.	5,536.09	55,795.26
04/21/22	0278839	McKinley Avenue LLC	5419	Building Rental	50,259.17	55,795.26
04/21/22	0278840	Michael McLoone Photography	5363	Officials	375.00	375.00
04/21/22	0278841	Rinderle Door Co	5280	Building Repairs	664.05	664.05
04/21/22	0278842	Safeway Pest Management Co Inc	5355	Other Contracted Serv.	320.00	320.00
04/21/22	0278843	San-A-Care Inc	5238	Maint. & Cust. Supp	3,039.87	3,100.87
04/21/22	0278843	San-A-Care Inc	5355	Other Contracted Serv.	61.00	3,100.87
04/21/22	0278844	Seek Incorporated	5355	Other Contracted Serv.	6,197.36	8,146.61
04/21/22	0278844	Seek Incorporated	5830	Imprvmnts/Remdling	1,949.25	8,146.61
04/21/22	0278845	UnitedHealthCare Ins Co	2227	Payable to OPEB Trust	327,309.48	327,309.48
04/21/22	0278846	US Foods, Inc	5704	Groceries-Resale	704.93	779.52
04/21/22	0278846	US Foods, Inc	5714	Classroom & Lab Supplies	74.59	779.52
04/21/22	0278847	Vanguard Computers Inc	5248	Classrm/Lab Equip.	2,445.00	2,445.00
04/21/22	0278848	VWR International Llc	5230	Classroom & Lab Supp	106.24	349.96
04/21/22	0278848	VWR International Llc	5235	Instructional Material	243.72	349.96
04/28/22	0278968	David L. Bailey	5357	Professional & Consult	550.00	550.00
04/28/22	0278969	Alina C. Boenitz	5211	Seminars & Workshops	149.00	149.00

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Check Date	Check Number	Vendor Name	Classification Description	Object Amount	Check Amount
04/28/22	0278970	Alfred P. Hochmuth	5363 Officials	180.00	180.00
04/28/22	0278971	Ms. Patricia P. Holt	5201 Travel Expenses	432.24	432.24
04/28/22	0278972	Dr. Vicki J. Martin	5201 Travel Expenses	60.00	60.00
04/28/22	0278973	Ms. Mary M. Mc Cormick	5238 Maint. & Cust. Supp	100.00	100.00
04/28/22	0278974	Monica R. McNaughton	5201 Travel Expenses	182.48	182.48
04/28/22	0278975	Ms. Joan M. Prince	5357 Professional & Consult	1,000.00	1,000.00
04/28/22	0278976	Airgas Inc	5230 Classroom & Lab Supp	824.89	827.68
04/28/22	0278976	Airgas Inc	5243 Other Supplies	2.79	827.68
04/28/22	0278977	Arthur J Gallagher Risk Management	5442 Liability Insurance	100.00	100.00
04/28/22	0278978	Aurora Medical Group Inc	5355 Other Contracted Serv.	2,250.00	2,250.00
04/28/22	0278979	AV Design Group Inc	5840 Equipment	5,598.00	5,598.00
04/28/22	0278980	Braeger Chevrolet Inc	5282 Off. General Eq. Rep.	1,019.30	1,019.30
04/28/22	0278981	CDW Government Inc	5840 Equipment	1,474.55	1,474.55
04/28/22	0278982	Deer District LLC	5501 Student Activities	15,500.00	15,500.00
04/28/22	0278983	Digi-Key Electronics	5243 Other Supplies	499.26	499.26
04/28/22	0278984	Forest Incentives Ltd	5243 Other Supplies	1,168.64	1,379.52
04/28/22	0278984	Forest Incentives Ltd	5259 Postage	210.88	1,379.52
04/28/22	0278985	Gardner Builders Milwaukee LLC	5830 Imprvmnts/Remdling	46,395.50	46,395.50
04/28/22	0278986	W. W. Grainger, Inc	5230 Classroom & Lab Supp	995.17	1,197.68
04/28/22	0278986	W. W. Grainger, Inc	5238 Maint. & Cust. Supp	136.18	1,197.68
04/28/22	0278986	W. W. Grainger, Inc	5281 Classroom/Lab Eq. Rep.	66.33	1,197.68
04/28/22	0278987	Gray Miller Persh LLP	5361 Legal Services	3,132.50	3,132.50
04/28/22	0278988	Grunau Metals Company Inc	5355 Other Contracted Serv.	1,170.00	1,170.00
04/28/22	0278989	Hatch Staffing Services Inc	5840 Equipment	3,240.00	3,240.00
04/28/22	0278990	Hurt Electric Inc	5830 Imprvmnts/Remdling	4,020.00	4,020.00
04/28/22	0278991	Hy Test Safety Shoe Service	5238 Maint. & Cust. Supp	199.99	199.99
04/28/22	0278992	Itu Absorb Tech Inc	5230 Classroom & Lab Supp	124.30	263.20
04/28/22	0278992	Itu Absorb Tech Inc	5282 Off. General Eq. Rep.	90.81	263.20
04/28/22	0278992	Itu Absorb Tech Inc	5355 Other Contracted Serv.	48.09	263.20
04/28/22	0278993	Lurie Glass Companies Inc	5238 Maint. & Cust. Supp	595.00	595.00
04/28/22	0278994	Moody's Investors Service	5970 Admin Exp-Debt Service	30,000.00	30,000.00
04/28/22	0278995	Packerland Rent-A-Mat Inc	5355 Other Contracted Serv.	487.17	487.17
04/28/22	0278996	Programming Service	5355 Other Contracted Serv.	5,550.00	5,550.00
04/28/22	0278997	San-A-Care Inc	5238 Maint. & Cust. Supp	250.60	250.60
04/28/22	0278998	Seek Incorporated	5355 Other Contracted Serv.	5,447.92	6,577.92
04/28/22	0278998	Seek Incorporated	5830 Imprvmnts/Remdling	1,130.00	6,577.92
04/28/22	0278999	SET Engineering, LLC	5355 Other Contracted Serv.	4,100.00	4,100.00
04/28/22	0279000	Superior Vision Insurance Plan of W	5680 Health Exp - Claims	11,721.60	11,721.60
04/28/22	0279001	US Foods, Inc	5704 Groceries-Resale	10,873.17	11,928.30
04/28/22	0279001	US Foods, Inc	5714 Classroom & Lab Supplies	1,055.13	11,928.30
				2,890,686.14	

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04/07/22	0065503	AAA Acme Lock Co Inc	5238 Maint. & Cust. Supp	297.34	536.49
04/07/22	0065503	AAA Acme Lock Co Inc	5830 Imprvmnts/Remdling	239.15	536.49
04/21/22	0065865	Aaron Ovsienko	5355 Other Contracted Serv.	3,250.00	3,250.00
04/28/22	0065893	Accuweather Inc	5674 Technical Operations	450.00	450.00
04/14/22	0065703	ACD Direct	5355 Other Contracted Serv.	6,730.44	6,730.44
04/21/22	0065805	Advanced Welding Supply Co Inc	5230 Classroom & Lab Supp	112.50	112.50
04/28/22	0065894	Advertising Boelter & Lincoln Milw	5355 Other Contracted Serv.	11,031.75	11,031.75
04/14/22	0065702	A/E Graphics Inc	5830 Imprvmnts/Remdling	68.72	68.72
04/21/22	0065804	A/E Graphics Inc	5830 Imprvmnts/Remdling	463.54	463.54
04/21/22	0278825	A/E Graphics Inc	5270 Advertising	3,486.01	3,486.01
04/21/22	0065806	Aircraft Spruce & Specialty Co	5230 Classroom & Lab Supp	131.41	131.41
04/14/22	0278646	Airgas Inc	5230 Classroom & Lab Supp	535.64	535.64
04/21/22	0278826	Airgas Inc	5230 Classroom & Lab Supp	606.67	620.43
04/21/22	0278826	Airgas Inc	5678 Wmvs Transmitter Rep.	13.76	620.43
04/28/22	0278976	Airgas Inc	5230 Classroom & Lab Supp	824.89	827.68
04/28/22	0278976	Airgas Inc	5243 Other Supplies	2.79	827.68
04/14/22	0278645	A J Heinen Inc	5280 Building Repairs	2,760.00	2,760.00
04/21/22	0065826	Alea B. Cross	5243 Other Supplies	24.99	24.99
04/28/22	0278970	Alfred P. Hochmuth	5363 Officials	180.00	180.00
04/28/22	0278969	Alina C. Boenitz	5211 Seminars & Workshops	149.00	149.00
04/14/22	0065704	Almabase Inc	5840 Equipment	24,300.00	24,300.00
04/21/22	0065874	Amalia F. Schoone	5352 Contracted Employment	4,148.00	4,148.00
04/21/22	0065845	Amanda L. Kendziora	5363 Officials	170.00	170.00
04/28/22	0065938	Amanda L. Kendziora	5363 Officials	170.00	170.00
04/28/22	0065896	American Association of	5714 Classroom & Lab Supplies	875.00	875.00
04/14/22	0065705	American City Business Journals Inc	5272 Print Advertising	3,225.00	3,225.00
04/28/22	0065897	American Medical Technologists	5714 Classroom & Lab Supplies	810.00	810.00
04/14/22	0065706	American Society for Clinical Patho	5220 Membership & Subscript	150.00	150.00
04/07/22	0065504	Anchor Printing Inc	5260 Printing & Duplicating	2,322.80	2,322.80
04/14/22	0065707	Anodyne Coffee Roasting Company	5704 Groceries-Resale	181.10	181.10
04/28/22	0065898	Anodyne Coffee Roasting Company	5704 Groceries-Resale	25.00	25.00
04/21/22	0065807	Apple Computer Inc	5840 Equipment	4,392.00	4,392.00
04/21/22	0065808	Applied Measurement Prof	5714 Classroom & Lab Supplies	1,650.00	1,650.00
04/28/22	0065899	Arteaga Construction Inc	5355 Other Contracted Serv.	463.15	463.15
04/14/22	0278647	Arthur J Gallagher Risk Management	5442 Liability Insurance	14,559.00	14,559.00
04/21/22	0278827	Arthur J Gallagher Risk Management	5442 Liability Insurance	141.00	141.00
04/28/22	0278977	Arthur J Gallagher Risk Management	5442 Liability Insurance	100.00	100.00
04/28/22	0065902	Atlas Copco Compressor LLC	5280 Building Repairs	3,133.31	3,133.31
04/07/22	0065505	AT&T	5454 Telephone	1,810.64	1,810.64
04/07/22	0065506	AT&T	5454 Telephone	14,056.40	14,056.40
04/14/22	0065708	AT&T	5454 Telephone	4,470.34	4,470.34
04/14/22	0065709	AT&T	5454 Telephone	3,828.00	3,828.00
04/28/22	0065900	AT&T	5454 Telephone	10,008.14	10,008.14
04/14/22	0065711	At&t Long Distance	5454 Telephone	110.20	110.20
04/21/22	0065809	At&t Mobility	5454 Telephone	9,129.67	9,129.67
04/28/22	0065901	At&t Mobility	5454 Telephone	21.86	21.86
04/14/22	0065710	AT&T - SBS	5454 Telephone	38,764.17	38,764.17
04/21/22	0065810	Aurora Health Care Inc	5355 Other Contracted Serv.	2,655.84	2,655.84
04/28/22	0278978	Aurora Medical Group Inc	5355 Other Contracted Serv.	2,250.00	2,250.00
04/28/22	0065903	Automatiodirect.Com Inc	5230 Classroom & Lab Supp	357.00	357.00
04/07/22	0065507	Auto Paint & Supply Co Inc	5230 Classroom & Lab Supp	3,182.96	3,182.96
04/07/22	0278385	AV Design Group Inc	5840 Equipment	31,600.00	31,600.00
04/28/22	0278979	AV Design Group Inc	5840 Equipment	5,598.00	5,598.00
04/07/22	0065508	Ayres Associates Inc	5830 Imprvmnts/Remdling	4,684.25	4,684.25
04/28/22	0065906	Badger Thermal Unlimited LLC	5238 Maint. & Cust. Supp	556.58	556.58
04/07/22	0065510	Badger Truck Equipment	5230 Classroom & Lab Supp	145.96	145.96
04/07/22	0065511	Baked MKE - Rachel Schmidbauer	5704 Groceries-Resale	192.89	192.89
04/14/22	0065713	Baked MKE - Rachel Schmidbauer	5704 Groceries-Resale	340.03	340.03
04/21/22	0065812	Baked MKE - Rachel Schmidbauer	5704 Groceries-Resale	647.80	647.80
04/14/22	0065714	Bakemark Usa	5704 Groceries-Resale	702.14	702.14
04/07/22	0278386	Balestrieri Environmental & Develop	5355 Other Contracted Serv.	2,130.00	3,880.00
04/07/22	0278386	Balestrieri Environmental & Develop	5830 Imprvmnts/Remdling	1,750.00	3,880.00
04/14/22	0278648	Balestrieri Environmental & Develop	5830 Imprvmnts/Remdling	600.00	600.00
04/07/22	0065512	BankMobile Technologies Inc	5355 Other Contracted Serv.	2,572.50	2,572.50

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04/28/22	0065907	BankMobile Technologies Inc	5355	Other Contracted Serv.	2,385.00	2,385.00
04/14/22	0065715	Batteries Plus LLC	5238	Maint. & Cust. Supp	53.44	53.44
04/14/22	0278649	Batzner Pest Management Inc	5355	Other Contracted Serv.	54.00	54.00
04/07/22	0065509	B&h Photo Video	5840	Equipment	8,679.51	8,679.51
04/14/22	0065712	B&h Photo Video	5840	Equipment	1,452.36	1,452.36
04/21/22	0065814	Bibliotheca LLC	5840	Equipment	1,775.00	1,775.00
04/07/22	0065513	Blackboard Inc - Learning	5355	Other Contracted Serv.	833.31	833.31
04/07/22	0065514	Blair Fire Protection Llc	5830	Imprvmnts/Remdling	29,750.00	29,750.00
04/14/22	0065717	Blair Fire Protection Llc	5830	Imprvmnts/Remdling	12,500.00	12,500.00
04/07/22	0065515	Bliffert Lumber & Hardware	5238	Maint. & Cust. Supp	107.80	107.80
04/21/22	0065815	Bliffert Lumber & Hardware	5238	Maint. & Cust. Supp	12.60	12.60
04/28/22	0065909	Bliffert Lumber & Hardware	5238	Maint. & Cust. Supp	56.09	56.09
04/21/22	0065811	Boeing Distribution Inc	5230	Classroom & Lab Supp	31.14	31.14
04/28/22	0065904	Boeing Distribution Inc	5230	Classroom & Lab Supp	10.65	10.65
04/28/22	0065905	Boeing Distribution Inc	5230	Classroom & Lab Supp	276.96	276.96
04/07/22	0278387	Boelter Companies	5714	Classroom & Lab Supplies	480.29	480.29
04/14/22	0278650	Boelter Companies	5714	Classroom & Lab Supplies	286.96	286.96
04/07/22	0278388	Boer Architects Inc	5830	Imprvmnts/Remdling	10,000.00	10,000.00
04/28/22	0278980	Braeger Chevrolet Inc	5282	Off. General Eq. Rep.	1,019.30	1,019.30
04/14/22	0065731	Brinks Incorporated	5355	Other Contracted Serv.	9,793.62	9,793.62
04/21/22	0278828	Building Service Inc	5830	Imprvmnts/Remdling	32,550.00	32,550.00
04/07/22	0065516	Butters Fetting Co Inc	5355	Other Contracted Serv.	6,949.58	6,949.58
04/21/22	0065817	Butters Fetting Co Inc	5355	Other Contracted Serv.	6,085.34	7,385.34
04/21/22	0065817	Butters Fetting Co Inc	5840	Equipment	1,300.00	7,385.34
04/07/22	0065553	Byada R. Meredith	5840	Equipment	1,500.00	1,500.00
04/21/22	0065818	Caprile Marketing Design	5243	Other Supplies	1,314.13	2,325.00
04/21/22	0065818	Caprile Marketing Design	5272	Print Advertising	1,010.87	2,325.00
04/21/22	0278819	Cari L. Dulan	5201	Travel Expenses	234.48	234.48
04/07/22	0065518	Carlin Horticultural Supplies	5230	Classroom & Lab Supp	158.97	158.97
04/28/22	0065911	Carlin Horticultural Supplies	5230	Classroom & Lab Supp	478.31	478.31
04/07/22	0065519	Carol Cole Company	5230	Classroom & Lab Supp	978.00	978.00
04/14/22	0278651	Carolina Biological Supply Co	5230	Classroom & Lab Supp	143.40	143.40
04/07/22	0278390	CDW Government Inc	5243	Other Supplies	871.60	143,429.60
04/07/22	0278390	CDW Government Inc	5282	Off. General Eq. Rep.	7,990.00	143,429.60
04/07/22	0278390	CDW Government Inc	5840	Equipment	134,568.00	143,429.60
04/14/22	0278652	CDW Government Inc	5243	Other Supplies	177.00	25,377.00
04/14/22	0278652	CDW Government Inc	5840	Equipment	25,200.00	25,377.00
04/21/22	0278829	CDW Government Inc	5840	Equipment	2,678.75	2,678.75
04/28/22	0278981	CDW Government Inc	5840	Equipment	1,474.55	1,474.55
04/14/22	0065720	Cedarburg Grafton Rotary	5247	Special Occasions	2,000.00	2,000.00
04/07/22	0065521	Certified Refrigeration Mechanical	5281	Classroom/Lab Eq. Rep.	290.35	290.35
04/07/22	0278389	C H Coakley & Co	5355	Other Contracted Serv.	320.00	3,224.00
04/07/22	0278389	C H Coakley & Co	5658	Other Expense	648.00	3,224.00
04/07/22	0278389	C H Coakley & Co	5830	Imprvmnts/Remdling	2,256.00	3,224.00
04/14/22	0065721	Chefs Warehouse Midwest Llc Chefs W	5704	Groceries-Resale	2,922.86	2,922.86
04/28/22	0065913	Chefs Warehouse Midwest Llc Chefs W	5704	Groceries-Resale	1,227.11	1,227.11
04/07/22	0065522	Children's Hospital of Wisconsin In	5243	Other Supplies	487.50	487.50
04/21/22	0065816	Christopher Bormann	5363	Officials	85.00	85.00
04/28/22	0065910	Christopher Bormann	5363	Officials	85.00	85.00
04/07/22	0278391	Chyronhego Corporation	5674	Technical Operations	5,254.31	5,254.31
04/21/22	0278830	Cintas Corporation	5355	Other Contracted Serv.	6,499.42	6,499.42
04/21/22	0065820	Cintas Corporation Floor Matts	5355	Other Contracted Serv.	464.65	464.65
04/14/22	0278653	City of Cudahy	4118	Tax Levy-Pay-Back	243.55	243.55
04/14/22	0065722	City of Mequon	4118	Tax Levy-Pay-Back	285.73	3,087.20
04/14/22	0065722	City of Mequon	5455	Water	2,801.47	3,087.20
04/14/22	0065723	City of Oak Creek	4118	Tax Levy-Pay-Back	293.11	293.11
04/21/22	0065821	City of Oak Creek	5356	Permits & License	281.18	281.18
04/14/22	0065724	City of St Francis	4118	Tax Levy-Pay-Back	342.80	342.80
04/14/22	0065725	City of West Allis	4118	Tax Levy-Pay-Back	792.72	964.97
04/14/22	0065725	City of West Allis	5242	Operating Supplies	172.25	964.97
04/14/22	0065726	Clever Sauce Creative LLC	5243	Other Supplies	824.11	824.11
04/28/22	0065914	Clever Sauce Creative LLC	5355	Other Contracted Serv.	20,500.00	20,500.00
04/07/22	0278392	Clothes Clinic Inc	5714	Classroom & Lab Supplies	1,250.72	1,250.72
04/07/22	0278393	CoAEMSP	5355	Other Contracted Serv.	75.00	75.00
04/28/22	0065915	Columbia Pipe & Supply Co	5238	Maint. & Cust. Supp	60.22	60.22

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04/14/22	0065727	Compost Crusader LLC	5359	Waste Disposal	320.00	320.00
04/28/22	0065916	Condor Aviation Inc	5230	Classroom & Lab Supp	1,382.00	1,382.00
04/21/22	0065822	Consilience Group LLC	5357	Professional & Consult	3,750.00	3,750.00
04/28/22	0065917	Consilience Group LLC	5357	Professional & Consult	7,520.00	7,520.00
04/07/22	0065523	Contributor Development Partnership	5355	Other Contracted Serv.	36.00	36.00
04/21/22	0065823	ConvergeOne Inc	5248	Classrm/Lab Equip.	14,975.00	14,975.00
04/21/22	0065824	Covanta Environmental Solutions Llc	5359	Waste Disposal	1,206.33	1,206.33
04/14/22	0065728	Cozzini Bros Inc	5714	Classroom & Lab Supplies	53.00	53.00
04/21/22	0065825	Cozzini Bros Inc	5714	Classroom & Lab Supplies	191.00	191.00
04/14/22	0065716	Craig R. Beyler	5363	Officials	110.00	110.00
04/21/22	0065813	Craig R. Beyler	5363	Officials	180.00	180.00
04/28/22	0065908	Craig R. Beyler	5363	Officials	180.00	180.00
04/28/22	0065918	Crescent Electric Supply Co	5238	Maint. & Cust. Supp	282.96	282.96
04/28/22	0065919	Cummins Inc.	5238	Maint. & Cust. Supp	1,066.22	1,066.22
04/14/22	0065762	Daniel Niemiec	5363	Officials	300.00	300.00
04/14/22	0065765	David J Perez III	5840	Equipment	1,000.00	1,000.00
04/28/22	0278968	David L. Bailey	5357	Professional & Consult	550.00	550.00
04/07/22	0065524	Dearborn Real Estate Education	5707	New Book-Resale	176.41	176.41
04/28/22	0278982	Deer District LLC	5501	Student Activities	15,500.00	15,500.00
04/28/22	0065920	Denmat Holdings Llc	5243	Other Supplies	323.39	323.39
04/14/22	0065729	Dentsply International Professional	5243	Other Supplies	1,035.00	1,035.00
04/21/22	0065828	Dentsply Sirona Inc	5243	Other Supplies	79.20	79.20
04/07/22	0065525	Department of Public	5243	Other Supplies	210.00	210.00
04/14/22	0065730	Diamedical Usa Equipment Llc	5840	Equipment	31,490.00	31,490.00
04/21/22	0065829	Diamedical Usa Equipment Llc	5243	Other Supplies	795.00	795.00
04/21/22	0278831	Digi-Key Electronics	5230	Classroom & Lab Supp	83.74	83.74
04/28/22	0278983	Digi-Key Electronics	5243	Other Supplies	499.26	499.26
04/07/22	0065526	Douglas Stewart Co Inc	5711	Supplies-Resale	134.34	134.34
04/28/22	0278972	Dr. Vicki J. Martin	5201	Travel Expenses	60.00	60.00
04/14/22	0278654	Duet Resource Group	5840	Equipment	2,029.78	2,029.78
04/14/22	0278655	Dynamic Campus	5840	Equipment	787.50	787.50
04/21/22	0065831	Easydrift Technology LLC	5243	Other Supplies	1,643.69	1,643.69
04/28/22	0065921	Edge Systems LLC	5711	Supplies-Resale	3,758.33	3,758.33
04/07/22	0278394	Ellucian Company L P	5840	Equipment	319.50	319.50
04/14/22	0065732	Elsevier	5714	Classroom & Lab Supplies	14,401.00	14,401.00
04/14/22	0065733	Emergency Medical Products Inc	5230	Classroom & Lab Supp	250.53	250.53
04/21/22	0065832	Emergency Medical Products Inc	5230	Classroom & Lab Supp	15.84	15.84
04/07/22	0278395	Engberg Anderson Inc	5830	Imprvmnts/Remdling	11,227.70	11,227.70
04/14/22	0065734	Evertz Microsystems Ltd	5674	Technical Operations	1,500.00	1,500.00
04/28/22	0065923	EVERWhite Corporation	5238	Maint. & Cust. Supp	1,385.00	1,385.00
04/07/22	0065527	Exacta Graphics, Inc.	5708	Resale-Transfer in	968.12	968.12
04/07/22	0065528	Excel Disposal of Wisconsin LLC	5830	Imprvmnts/Remdling	3,061.11	3,061.11
04/28/22	0065924	Excel Disposal of Wisconsin LLC	5830	Imprvmnts/Remdling	1,167.04	1,167.04
04/14/22	0065735	Exelon Corporation	5450	Gas	9,878.97	9,878.97
04/28/22	0065925	Exelon Corporation	5450	Gas	5,323.66	5,323.66
04/21/22	0065830	E-Z Windows Inc	5355	Other Contracted Serv.	1,682.00	1,682.00
04/21/22	0065833	Fastenal	5230	Classroom & Lab Supp	225.99	225.99
04/21/22	0065834	Fastenal Company	5238	Maint. & Cust. Supp	825.55	825.55
04/21/22	0065835	Fastenal Company	5230	Classroom & Lab Supp	498.81	498.81
04/07/22	0065529	Federal Express Corp	5707	New Book-Resale	739.70	739.70
04/28/22	0065927	Federal Express Corp	5707	New Book-Resale	715.80	715.80
04/28/22	0065928	Fluid Aire Dynamics Inc	5355	Other Contracted Serv.	4,293.42	4,293.42
04/14/22	0278656	Forest Incentives Ltd	5243	Other Supplies	20,023.33	24,018.37
04/14/22	0278656	Forest Incentives Ltd	5259	Postage	3,995.04	24,018.37
04/28/22	0278984	Forest Incentives Ltd	5243	Other Supplies	1,168.64	1,379.52
04/28/22	0278984	Forest Incentives Ltd	5259	Postage	210.88	1,379.52
04/21/22	0065836	Formlabs Inc	5246	Software	1,398.00	1,398.00
04/14/22	0278657	Forms + Surfaces	5840	Equipment	2,565.00	2,565.00
04/07/22	0065530	Fortune Fish Co	5704	Groceries-Resale	686.97	686.97
04/14/22	0065736	Fortune Fish Co	5704	Groceries-Resale	2,950.57	2,950.57
04/21/22	0065837	Fortune Fish Co	5704	Groceries-Resale	433.00	433.00
04/28/22	0065929	Fortune Fish Co	5704	Groceries-Resale	806.73	806.73
04/14/22	0065737	Fortune International, LLC	5704	Groceries-Resale	372.58	372.58
04/28/22	0065930	Franklin Business Park Consortium	5220	Membership & Subscript	100.00	100.00
04/07/22	0065531	Froedtert Health	5501	Student Activities	3,038.00	3,038.00

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Check Date	Check Number	Vendor Name	Classification	Description	Object Amount	Check Amount
04/21/22	0065838	Froedtert Health	5243	Other Supplies	19,278.00	19,278.00
04/14/22	0278658	Full Compass Systems LTD-FBB	5840	Equipment	777.24	777.24
04/21/22	0065839	GALLS LLC	5243	Other Supplies	355.37	496.05
04/21/22	0065839	GALLS LLC	5840	Equipment	140.68	496.05
04/07/22	0278396	Gardner Builders Milwaukee Llc	3411	Resd for Encumbrances	672.95	24,842.74
04/07/22	0278396	Gardner Builders Milwaukee Llc	5830	Imprvmnts/Remdling	24,169.79	24,842.74
04/14/22	0278659	Gardner Builders Milwaukee Llc	5830	Imprvmnts/Remdling	38,615.75	38,615.75
04/28/22	0278985	Gardner Builders Milwaukee Llc	5830	Imprvmnts/Remdling	46,395.50	46,395.50
04/21/22	0065840	GenarGrid, LLC	5243	Other Supplies	2,588.00	2,588.00
04/14/22	0065738	General Beverage Sales	5704	Groceries-Resale	151.10	151.10
04/07/22	0065577	Georgina Rutherford	5840	Equipment	1,500.00	1,500.00
04/07/22	0065532	Gilbane Building Company	3411	Resd for Encumbrances	16,650.00	16,650.00
04/07/22	0065534	Goldfish Uniforms	5238	Maint. & Cust. Supp	87.15	87.15
04/14/22	0065739	Goldfish Uniforms	5238	Maint. & Cust. Supp	387.30	387.30
04/21/22	0065841	Goldfish Uniforms	5238	Maint. & Cust. Supp	146.28	146.28
04/28/22	0065931	Goldfish Uniforms	5238	Maint. & Cust. Supp	464.68	464.68
04/14/22	0065741	Goodwill Talentbridge, Llc	5355	Other Contracted Serv.	399.60	399.60
04/14/22	0065742	Grafton Ace Hardware	5230	Classroom & Lab Supp	198.89	198.89
04/21/22	0065842	Granular LLC	5270	Advertising	500.00	500.00
04/07/22	0065535	Graybar Electric Inc	5840	Equipment	1,261.97	1,261.97
04/21/22	0065843	Graybar Electric Inc	5840	Equipment	64.15	64.15
04/28/22	0278987	Gray Miller Persh LLP	5361	Legal Services	3,132.50	3,132.50
04/14/22	0065743	Grumman Butkus Associates	3411	Resd for Encumbrances	388.00	388.00
04/07/22	0278398	Grunau Co. Inc	5355	Other Contracted Serv.	734.36	734.36
04/14/22	0278661	Grunau Co. Inc	5355	Other Contracted Serv.	1,507.46	1,507.46
04/21/22	0278833	Grunau Co. Inc	5281	Classroom/Lab Eq. Rep.	876.89	19,234.66
04/21/22	0278833	Grunau Co. Inc	5355	Other Contracted Serv.	6,247.77	19,234.66
04/21/22	0278833	Grunau Co. Inc	5830	Imprvmnts/Remdling	12,110.00	19,234.66
04/28/22	0278988	Grunau Metals Company Inc	5355	Other Contracted Serv.	1,170.00	1,170.00
04/07/22	0278399	Hatch Staffing Services Inc	5840	Equipment	3,240.00	3,240.00
04/21/22	0278834	Hatch Staffing Services Inc	5352	Contracted Employment	1,043.63	1,043.63
04/28/22	0278989	Hatch Staffing Services Inc	5840	Equipment	3,240.00	3,240.00
04/28/22	0065933	Henricksen Co	5840	Equipment	55,888.03	55,888.03
04/07/22	0065538	Henry Schein Medical	5230	Classroom & Lab Supp	402.27	402.27
04/07/22	0065539	Holiday Wholesale Inc.	5704	Groceries-Resale	498.00	498.00
04/28/22	0065934	Holiday Wholesale Inc.	5704	Groceries-Resale	976.95	976.95
04/07/22	0278400	Honeywell International Inc	3411	Resd for Encumbrances	50,216.05	50,216.05
04/21/22	0278835	Honeywell International Inc	5830	Imprvmnts/Remdling	53,000.00	53,000.00
04/21/22	0065827	Hulbert Piano	5840	Equipment	10,949.00	10,949.00
04/07/22	0278401	Hurt Electric Inc	5830	Imprvmnts/Remdling	9,800.00	9,800.00
04/28/22	0278990	Hurt Electric Inc	5830	Imprvmnts/Remdling	4,020.00	4,020.00
04/21/22	0278836	Hy Test Safety Shoe Service	5238	Maint. & Cust. Supp	100.00	100.00
04/28/22	0278991	Hy Test Safety Shoe Service	5238	Maint. & Cust. Supp	199.99	199.99
04/07/22	0065540	Industrial Controls	5238	Maint. & Cust. Supp	523.39	523.39
04/07/22	0065541	Innovative Educators Inc	5355	Other Contracted Serv.	416.00	416.00
04/21/22	0065844	INSPEC Inc	3411	Resd for Encumbrances	1,000.00	1,000.00
04/14/22	0065744	Interiorscapes, Inc	5355	Other Contracted Serv.	509.61	509.61
04/21/22	0278837	Interstate Parking	5419	Building Rental	27,037.50	27,037.50
04/14/22	0278662	Itu Absorb Tech Inc	5282	Off. General Eq. Rep.	90.81	90.81
04/28/22	0278992	Itu Absorb Tech Inc	5230	Classroom & Lab Supp	124.30	263.20
04/28/22	0278992	Itu Absorb Tech Inc	5282	Off. General Eq. Rep.	90.81	263.20
04/28/22	0278992	Itu Absorb Tech Inc	5355	Other Contracted Serv.	48.09	263.20
04/28/22	0065935	IXL Learning	5220	Membership & Subscript	948.00	948.00
04/21/22	0065859	Jennifer Murphy	5363	Officials	540.00	540.00
04/28/22	0065951	Jennifer Murphy	5363	Officials	270.00	270.00
04/14/22	0065746	J.H. Hassinger, Inc.	5830	Imprvmnts/Remdling	1,291.50	1,291.50
04/14/22	0065745	J J Keller & Associates Inc	5243	Other Supplies	102.73	102.73
04/21/22	0278824	Joan Viksjo	5201	Travel Expenses	75.00	75.00
04/28/22	0065932	Joey Hager	5363	Officials	170.00	170.00
04/14/22	0065764	John J. Orowick	5363	Officials	300.00	300.00
04/07/22	0065542	John Kowalczyk	5840	Equipment	1,500.00	1,500.00
04/21/22	0065854	John Melendez	5363	Officials	180.00	180.00
04/21/22	0065871	John R. Quinlan	5363	Officials	170.00	170.00
04/28/22	0065965	John R. Quinlan	5363	Officials	170.00	170.00
04/28/22	0065936	Johnson Controls Inc	5350	Chiller P.M.	7,154.55	9,306.99

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Check Date	Check Number	Vendor Name	Classification	Description	Object Amount	Check Amount
04/28/22	0065936	Johnson Controls Inc	5355	Other Contracted Serv.	2,152.44	9,306.99
04/28/22	0065937	Joint Review Committee on	5220	Membership & Subscript	2,770.00	2,770.00
04/14/22	0278663	Kahler Slater	5830	Imprvmnts/Remdling	6,150.00	6,150.00
04/28/22	0065922	Kerry Egdorf	5352	Contracted Employment	1,240.00	1,240.00
04/21/22	0065873	Kevin M. Scholz	5363	Officials	180.00	180.00
04/07/22	0278402	Key Code Media	5674	Technical Operations	13,100.00	61,377.91
04/07/22	0278402	Key Code Media	5840	Equipment	48,277.91	61,377.91
04/07/22	0065543	Keystone Automotive Industries	5230	Classroom & Lab Supp	297.10	297.10
04/28/22	0065939	Keystone Automotive Industries	5711	Supplies-Resale	1,189.98	1,189.98
04/21/22	0065846	Kilgore International Inc	5243	Other Supplies	145.32	145.32
04/28/22	0065940	Kiwanis Club of Milwaukee, Inc	5220	Membership & Subscript	185.00	185.00
04/07/22	0278403	Laforce Inc	3411	Resd for Encumbrances	4,563.00	4,563.00
04/07/22	0065579	Laila Scott	5840	Equipment	1,500.00	1,500.00
04/07/22	0065544	Landauer Inc	5230	Classroom & Lab Supp	830.40	1,052.80
04/07/22	0065544	Landauer Inc	5243	Other Supplies	222.40	1,052.80
04/28/22	0065942	Lane Luxem	5363	Officials	360.00	360.00
04/28/22	0065941	Lemberg Electric Co Inc	5355	Other Contracted Serv.	6,250.00	6,250.00
04/14/22	0065748	Lifeline Medical Inc	5230	Classroom & Lab Supp	682.00	682.00
04/07/22	0065545	Lincoln Electric Company	5230	Classroom & Lab Supp	1,867.05	1,867.05
04/21/22	0065848	Lincoln Electric Company	5230	Classroom & Lab Supp	2,930.78	2,930.78
04/14/22	0065749	Literacy Services	1340	Acct Rec Advance to Da	4,990.52	4,990.52
04/14/22	0065747	L K Goodwin Co Inc	5840	Equipment	3,743.28	3,743.28
04/21/22	0065847	L K Goodwin Co Inc	5840	Equipment	14,713.20	14,713.20
04/28/22	0278993	Lurie Glass Companies Inc	5238	Maint. & Cust. Supp	595.00	595.00
04/07/22	0065548	Madeleine Martin	5840	Equipment	1,500.00	1,500.00
04/21/22	0278838	Madison National Life	2224	Life Insurance Pay	41,982.88	77,151.65
04/21/22	0278838	Madison National Life	2227	Payable to OPEB Trust	33,752.95	77,151.65
04/21/22	0278838	Madison National Life	5104	Life Insurance	1,415.82	77,151.65
04/07/22	0065546	Maggie Sasso Studios	5840	Equipment	1,500.00	1,500.00
04/07/22	0278404	Marchese Inc., V	5704	Groceries-Resale	5,959.66	5,959.66
04/07/22	0065547	Marianna Inc	5711	Supplies-Resale	195.75	195.75
04/14/22	0065750	Marianna Inc	5230	Classroom & Lab Supp	1,403.22	3,583.93
04/14/22	0065750	Marianna Inc	5243	Other Supplies	2,180.71	3,583.93
04/21/22	0278820	Mark J. Felsheim	5201	Travel Expenses	351.00	351.00
04/07/22	0278405	Martek LLC	5840	Equipment	28,984.37	28,984.37
04/21/22	0065849	Masonry Restoration Inc	5280	Building Repairs	2,550.00	2,550.00
04/21/22	0065850	Matheson Tri-Gas, Inc #3028	5230	Classroom & Lab Supp	810.81	810.81
04/07/22	0065549	MBS Textbook Exchange Inc	5712	Used Books-Resale	2,987.73	2,987.73
04/14/22	0065751	MBS Textbook Exchange Inc	5712	Used Books-Resale	798.22	798.22
04/21/22	0065851	McKesson HBOC	5230	Classroom & Lab Supp	13.83	13.83
04/21/22	0278839	McKinley Avenue LLC	5355	Other Contracted Serv.	5,536.09	55,795.26
04/21/22	0278839	McKinley Avenue LLC	5419	Building Rental	50,259.17	55,795.26
04/07/22	0065550	MDF Instrumentt Direct, Inc.	5711	Supplies-Resale	340.01	340.01
04/21/22	0065852	Medinger Co Inc., J H	5355	Other Contracted Serv.	11.98	11.98
04/07/22	0065551	Medline Industries	5230	Classroom & Lab Supp	188.66	207.87
04/07/22	0065551	Medline Industries	5243	Other Supplies	19.21	207.87
04/14/22	0065752	Medline Industries	5230	Classroom & Lab Supp	156.03	1,778.57
04/14/22	0065752	Medline Industries	5248	Classrm/Lab Equip.	1,622.54	1,778.57
04/21/22	0065853	Medline Industries	5230	Classroom & Lab Supp	48.55	2,309.57
04/21/22	0065853	Medline Industries	5248	Classrm/Lab Equip.	2,261.02	2,309.57
04/28/22	0065943	Medline Industries	5243	Other Supplies	42.95	42.95
04/28/22	0065944	Membership Management Services Inc	5243	Other Supplies	100.00	100.00
04/07/22	0065552	Menards Inc	5230	Classroom & Lab Supp	1,396.75	1,414.45
04/07/22	0065552	Menards Inc	5238	Maint. & Cust. Supp	17.70	1,414.45
04/14/22	0065753	Menards Inc	5230	Classroom & Lab Supp	25.55	380.87
04/14/22	0065753	Menards Inc	5243	Other Supplies	355.32	380.87
04/21/22	0065855	Menards Inc	5238	Maint. & Cust. Supp	22.68	22.68
04/28/22	0065945	Menards Inc	5230	Classroom & Lab Supp	71.56	101.09
04/28/22	0065945	Menards Inc	5238	Maint. & Cust. Supp	29.53	101.09
04/28/22	0065946	Menards Inc	5238	Maint. & Cust. Supp	699.86	699.86
04/07/22	0278406	Michael Best & Friedrich LLP	5361	Legal Services	32,000.00	32,000.00
04/21/22	0278840	Michael McLoone Photography	5363	Officials	375.00	375.00
04/28/22	0065947	Midland Paper Company	5244	Production Supplies	5,880.53	5,880.53
04/21/22	0065856	Midway Dental Supply LLC	5243	Other Supplies	307.52	307.52
04/07/22	0065517	Miguel Camacho Sandino	5840	Equipment	1,500.00	1,500.00

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Check Date	Check Number	Vendor Name	Classification	Description	Object Amount	Check Amount
04/21/22	0278818	Mike Contreras	5363	Officials	180.00	180.00
04/07/22	0065554	Milwaukee Area Tech College	2325	Misc. Clubs Pay.	14,730.24	14,730.24
04/14/22	0065754	Milwaukee Courier	5830	Imprvmnts/Remdling	579.73	579.73
04/28/22	0065948	Milwaukee Journal Sentinel Inc	5361	Legal Services	736.38	736.38
04/14/22	0065755	Milwaukee Public Museum	5260	Printing & Duplicating	137.50	137.50
04/21/22	0065857	Milwaukee Water Works	5455	Water	14,270.78	14,270.78
04/28/22	0065949	Milwaukee Water Works	5455	Water	1,548.50	1,548.50
04/07/22	0065555	Minnesota Elevator Inc	5353	Elevator P.M.	1,039.50	1,039.50
04/14/22	0065756	Minnesota Elevator Inc	5353	Elevator P.M.	12,397.00	12,397.00
04/21/22	0065858	Minnesota Elevator Inc	5355	Other Contracted Serv.	678.00	678.00
04/28/22	0278974	Monica R. McNaughton	5201	Travel Expenses	182.48	182.48
04/28/22	0278994	Moody's Investors Service	5970	Admin Exp-Debt Service	30,000.00	30,000.00
04/28/22	0065950	Mpact Communications	5357	Professional & Consult	1,500.00	1,500.00
04/14/22	0278644	Mr. Dean A. Mertins	5243	Other Supplies	99.99	99.99
04/14/22	0065795	Mr. Edward A. Winters	5830	Imprvmnts/Remdling	640.86	640.86
04/07/22	0065533	Mr. John R. Glembin	5840	Equipment	1,500.00	1,500.00
04/07/22	0065565	Mr. Mark S. Picard	5204	Transportation	65.00	65.00
04/14/22	0065767	Mr. Mark S. Picard	5205	Recruiting	70.00	70.00
04/21/22	0278822	Mr. Mark S. Picard	5205	Recruiting	261.63	261.63
04/07/22	0065520	Mr. Randall T. Casey	5203	Meals	1,160.00	1,160.00
04/14/22	0065719	Mr. Randall T. Casey	5203	Meals	2,060.00	2,060.00
04/21/22	0065819	Mr. Randall T. Casey	5203	Meals	860.00	860.00
04/28/22	0065912	Mr. Randall T. Casey	5203	Meals	1,900.00	1,900.00
04/21/22	0278821	Mr. Scott A. Finnessy	5201	Travel Expenses	29.25	29.25
04/14/22	0065740	Mr. Sergio M. Gonzalez	5357	Professional & Consult	1,000.00	1,000.00
04/07/22	0065560	Ms. Adjua Nsoroma	5840	Equipment	1,500.00	1,500.00
04/28/22	0278975	Ms. Joan M. Prince	5357	Professional & Consult	1,000.00	1,000.00
04/28/22	0278973	Ms. Mary M. Mc Cormick	5238	Maint. & Cust. Supp	100.00	100.00
04/07/22	0065578	Ms. Migdaled Salgado	5840	Equipment	1,500.00	1,500.00
04/28/22	0278971	Ms. Patricia P. Holt	5201	Travel Expenses	432.24	432.24
04/07/22	0065537	Ms. Tayla Hart	5840	Equipment	1,500.00	1,500.00
04/14/22	0065757	Mueller Communications LLC	5357	Professional & Consult	3,238.90	3,238.90
04/28/22	0065952	Mv Sport Corporation Inc	5711	Supplies-Resale	2,548.78	2,548.78
04/14/22	0065718	Nancy Blair	5357	Professional & Consult	8,400.00	8,400.00
04/07/22	0065556	Napa Auto Parts	5230	Classroom & Lab Supp	614.54	614.54
04/21/22	0065860	Napa Auto Parts	5238	Maint. & Cust. Supp	323.18	323.18
04/28/22	0065954	Napa Auto Parts	5230	Classroom & Lab Supp	735.94	735.94
04/28/22	0065955	Napa Auto Parts	5230	Classroom & Lab Supp	42.49	42.49
04/07/22	0278407	Nassco Inc	5238	Maint. & Cust. Supp	737.47	737.47
04/14/22	0065758	National Accrediting Agency	5220	Membership & Subscript	2,451.00	2,451.00
04/21/22	0065861	National Alliance for Partnerships	5211	Seminars & Workshops	2,805.00	2,805.00
04/07/22	0065557	National Restaurant Assn	5233	Books	636.24	636.24
04/07/22	0065558	Neher Electric Supply Inc	5238	Maint. & Cust. Supp	130.40	130.40
04/21/22	0065862	Neher Electric Supply Inc	5238	Maint. & Cust. Supp	23.10	23.10
04/28/22	0065956	Neher Electric Supply Inc	5238	Maint. & Cust. Supp	644.20	644.20
04/07/22	0065559	Neu's Building Center Inc	5238	Maint. & Cust. Supp	329.78	329.78
04/14/22	0065759	Neu's Building Center Inc	5230	Classroom & Lab Supp	52.28	52.28
04/28/22	0065957	Neu's Building Center Inc	5230	Classroom & Lab Supp	455.81	494.68
04/28/22	0065957	Neu's Building Center Inc	5238	Maint. & Cust. Supp	38.87	494.68
04/07/22	0278408	Newark Corp	5230	Classroom & Lab Supp	319.79	319.79
04/14/22	0065760	Ney's Premium Inc.	5704	Groceries-Resale	238.09	238.09
04/28/22	0065958	Ney's Premium Inc.	5704	Groceries-Resale	231.34	231.34
04/14/22	0065761	Nielsen Media Research	5661	Audience Research	19,613.96	19,613.96
04/21/22	0065863	Northern Tool & Equipment	5243	Other Supplies	1,542.32	1,542.32
04/14/22	0065763	Nowak Dental Supplies, Inc.	5230	Classroom & Lab Supp	80.33	80.33
04/28/22	0065959	Nowak Dental Supplies, Inc.	5840	Equipment	1,050.00	1,050.00
04/28/22	0065953	NSI, Inc	5840	Equipment	15,499.06	15,499.06
04/07/22	0065561	O'Reilly Automotive Stores, Inc	5230	Classroom & Lab Supp	88.23	88.23
04/07/22	0065562	Orkin Commercial Services	5355	Other Contracted Serv.	149.69	149.69
04/21/22	0065864	Orkin Commercial Services	5355	Other Contracted Serv.	166.69	166.69
04/28/22	0065960	Pacific Telemanagement Svcs	5454	Telephone	53.00	53.00
04/07/22	0278409	Packerland Rent-A-Mat Inc	5355	Other Contracted Serv.	422.46	422.46
04/14/22	0278664	Packerland Rent-A-Mat Inc	5355	Other Contracted Serv.	2,322.17	2,322.17
04/28/22	0278995	Packerland Rent-A-Mat Inc	5355	Other Contracted Serv.	487.17	487.17
04/07/22	0278410	Papas Bakery Inc	5704	Groceries-Resale	1,391.92	1,391.92

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04/14/22	0278665	Paragon Development Systems	5840 Equipment	25,947.90	25,947.90
04/21/22	0065866	Passport Labs, Inc.	5282 Off. General Eq. Rep.	62.53	62.53
04/21/22	0065867	Patterson Dental Supply Inc	5242 Operating Supplies	8,441.60	8,961.61
04/21/22	0065867	Patterson Dental Supply Inc	5243 Other Supplies	520.01	8,961.61
04/21/22	0065868	PB Markers	5230 Classroom & Lab Supp	1,115.00	1,115.00
04/21/22	0065869	Pearson Higher Education	5707 New Book-Resale	679.50	679.50
04/28/22	0065961	Pearson Higher Education	5707 New Book-Resale	259.98	259.98
04/07/22	0065563	Pepsi Beverages Company	5704 Groceries-Resale	6,078.27	6,078.27
04/07/22	0065564	Petroleum Equipment Inc	5355 Other Contracted Serv.	1,306.25	1,306.25
04/14/22	0065766	Phi Theta Kappa	5501 Student Activities	1,495.00	1,495.00
04/28/22	0065962	Pinn-Oak Farms	5704 Groceries-Resale	240.53	240.53
04/14/22	0065768	Pitney Bowes Global Financial Services	5355 Other Contracted Serv.	1,114.26	1,114.26
04/07/22	0065566	Pitney Bowes/Presort Service	5259 Postage	406.74	406.74
04/14/22	0065769	Pitney Bowes/Presort Service	5259 Postage	1,688.69	1,688.69
04/28/22	0065963	Pitney Bowes/Presort Service	5259 Postage	255.80	255.80
04/07/22	0065567	Pittsburgh Paints Co	5238 Maint. & Cust. Supp	625.47	625.47
04/07/22	0065568	Port A John	5355 Other Contracted Serv.	206.00	206.00
04/14/22	0065770	Port A John	5355 Other Contracted Serv.	103.00	103.00
04/14/22	0065771	Postmaster	5259 Postage	265.00	265.00
04/07/22	0065569	Pritzlaff Wholesale	5704 Groceries-Resale	511.59	511.59
04/14/22	0065772	Pritzlaff Wholesale	5704 Groceries-Resale	212.90	212.90
04/21/22	0065870	Pritzlaff Wholesale	5704 Groceries-Resale	85.90	85.90
04/07/22	0065570	Proforma	5711 Supplies-Resale	9.00	9.00
04/28/22	0278996	Programming Service	5355 Other Contracted Serv.	5,550.00	5,550.00
04/14/22	0065773	Progressive Warehousing Vally Baker	5704 Groceries-Resale	388.46	565.54
04/14/22	0065773	Progressive Warehousing Vally Baker	5714 Classroom & Lab Supplies	177.08	565.54
04/07/22	0065571	PTG Live Events LLC	5243 Other Supplies	6,401.50	6,401.50
04/14/22	0065774	Quadient Inc Dept 3689	5259 Postage	6,398.72	6,398.72
04/28/22	0065964	Quick Fuel	5230 Classroom & Lab Supp	5,768.58	5,768.58
04/21/22	0065872	Redshelf Inc	5706 Inclusive Access	175,172.73	175,172.73
04/28/22	0065966	Registration Fee Trust	5243 Other Supplies	20.00	20.00
04/07/22	0065572	Respiratory Review Workshops Inc	5714 Classroom & Lab Supplies	2,925.00	2,925.00
04/14/22	0065775	Rev.com Inc	5668 Program Production	287.64	287.64
04/21/22	0065882	Richard A. Vande Zande	5363 Officials	85.00	85.00
04/28/22	0065980	Richard A. Vande Zande	5363 Officials	85.00	85.00
04/21/22	0278841	Rinderle Door Co	5280 Building Repairs	664.05	664.05
04/07/22	0065573	Rock Performance Center LLC	5419 Building Rental	6,000.00	6,000.00
04/14/22	0065799	Ronald M. Zielinski	5363 Officials	110.00	110.00
04/21/22	0065888	Ronald M. Zielinski	5363 Officials	180.00	180.00
04/28/22	0065983	Ronald M. Zielinski	5363 Officials	360.00	360.00
04/07/22	0065574	Rosetta Stone Ltd	5840 Equipment	49,605.00	49,605.00
04/07/22	0065575	Rote Oil Ltd	5238 Maint. & Cust. Supp	4,478.11	4,478.11
04/28/22	0065967	Rote Oil Ltd	5238 Maint. & Cust. Supp	2,440.54	2,440.54
04/14/22	0065776	Royle Printing Co	5259 Postage	293.36	8,118.23
04/14/22	0065776	Royle Printing Co	5260 Printing & Duplicating	7,824.87	8,118.23
04/07/22	0065576	Russell Metals Williams Bahcall	5230 Classroom & Lab Supp	4,209.12	4,209.12
04/14/22	0278666	RyTech, LLC	5270 Advertising	8,000.84	8,000.84
04/28/22	0065895	Saadia Ahmad	5352 Contracted Employment	1,100.00	1,100.00
04/07/22	0278411	Safeway Pest Management Co Inc	5355 Other Contracted Serv.	155.00	155.00
04/14/22	0278667	Safeway Pest Management Co Inc	5355 Other Contracted Serv.	315.00	315.00
04/21/22	0278842	Safeway Pest Management Co Inc	5355 Other Contracted Serv.	320.00	320.00
04/07/22	0065536	Samantha Hanneman	5840 Equipment	1,500.00	1,500.00
04/07/22	0278412	San-A-Care Inc	5238 Maint. & Cust. Supp	6,112.08	6,112.08
04/14/22	0278668	San-A-Care Inc	5238 Maint. & Cust. Supp	1,929.15	1,929.15
04/21/22	0278843	San-A-Care Inc	5238 Maint. & Cust. Supp	3,039.87	3,100.87
04/21/22	0278843	San-A-Care Inc	5355 Other Contracted Serv.	61.00	3,100.87
04/28/22	0278997	San-A-Care Inc	5238 Maint. & Cust. Supp	250.60	250.60
04/28/22	0065926	Sarah Farrukh	5352 Contracted Employment	1,952.80	1,952.80
04/28/22	0065968	SAR of Milwaukee LLC	5840 Equipment	2,148.83	2,148.83
04/28/22	0065969	Scorebuilders	5714 Classroom & Lab Supplies	1,071.50	1,071.50
04/21/22	0278823	Scott Trottier	5363 Officials	180.00	180.00
04/07/22	0065580	Screening One, Inc	5355 Other Contracted Serv.	354.00	354.00
04/28/22	0065970	Scrip Companies	5711 Supplies-Resale	137.29	137.29
04/14/22	0065777	Secure Information Destruction LLC	5355 Other Contracted Serv.	94.50	1,176.00
04/14/22	0065777	Secure Information Destruction LLC	5359 Waste Disposal	1,081.50	1,176.00

Check Date	Check Number	Vendor Name	Classification	Description	Object Amount	Check Amount
04/21/22	0065875	Secure Information Destruction LLC	5355	Other Contracted Serv.	115.50	115.50
04/07/22	0278413	Seek Incorporated	5355	Other Contracted Serv.	11,751.04	12,881.04
04/07/22	0278413	Seek Incorporated	5830	Imprvmnts/Remdling	1,130.00	12,881.04
04/14/22	0278669	Seek Incorporated	5355	Other Contracted Serv.	2,353.40	2,353.40
04/21/22	0278844	Seek Incorporated	5355	Other Contracted Serv.	6,197.36	8,146.61
04/21/22	0278844	Seek Incorporated	5830	Imprvmnts/Remdling	1,949.25	8,146.61
04/28/22	0278998	Seek Incorporated	5355	Other Contracted Serv.	5,447.92	6,577.92
04/28/22	0278998	Seek Incorporated	5830	Imprvmnts/Remdling	1,130.00	6,577.92
04/07/22	0065581	Selective Gift Institute	5243	Other Supplies	300.00	300.00
04/14/22	0065778	Selective Gift Institute	5243	Other Supplies	150.00	150.00
04/07/22	0278414	Selzer-Ornst Company	5830	Imprvmnts/Remdling	2,554.64	2,554.64
04/14/22	0065779	Sepro Marine Bio Lic	5356	Permits & License	140.00	140.00
04/14/22	0278670	SET Engineering, LLC	5355	Other Contracted Serv.	4,750.00	4,750.00
04/28/22	0278999	SET Engineering, LLC	5355	Other Contracted Serv.	4,100.00	4,100.00
04/21/22	0065877	Shannon Slates	5363	Officials	405.00	405.00
04/28/22	0065971	Sheboygan County Economic Developme	5220	Membership & Subscript	150.00	150.00
04/14/22	0065780	Sherwin Williams	5238	Maint. & Cust. Supp	64.78	64.78
04/07/22	0065582	SHI International Corp	5840	Equipment	25,664.33	25,664.33
04/21/22	0065876	Skyline Catering	5243	Other Supplies	119.60	119.60
04/07/22	0065583	Snap-On Industrial	5230	Classroom & Lab Supp	41.00	41.00
04/14/22	0065781	Snap-On Industrial	5230	Classroom & Lab Supp	41.00	41.00
04/28/22	0065972	Snap-On Industrial	5230	Classroom & Lab Supp	191.03	191.03
04/14/22	0065782	South Central Library System	5355	Other Contracted Serv.	1,398.00	1,398.00
04/07/22	0278415	Southport Engineered Systems, LLC	5830	Imprvmnts/Remdling	2,830.00	2,830.00
04/14/22	0065783	Spanish Journal	5830	Imprvmnts/Remdling	250.00	250.00
04/14/22	0065784	Staples Business Advantage	5230	Classroom & Lab Supp	380.08	9,337.88
04/14/22	0065784	Staples Business Advantage	5235	Instructional Material	47.30	9,337.88
04/14/22	0065784	Staples Business Advantage	5241	Office Supplies	6,154.57	9,337.88
04/14/22	0065784	Staples Business Advantage	5243	Other Supplies	1,835.49	9,337.88
04/14/22	0065784	Staples Business Advantage	5248	Classrm/Lab Equip.	599.86	9,337.88
04/14/22	0065784	Staples Business Advantage	5249	Office/Gen. Equip.	320.58	9,337.88
04/14/22	0065785	Stone Creek Coffee Roasters	5704	Groceries-Resale	1,072.75	1,072.75
04/21/22	0065878	Stone Creek Coffee Roasters	5704	Groceries-Resale	658.25	658.25
04/07/22	0065584	Strang Inc	5830	Imprvmnts/Remdling	17,248.75	17,248.75
04/14/22	0065786	Strang Inc	5830	Imprvmnts/Remdling	2,233.50	2,233.50
04/21/22	0065879	Strang Inc	5830	Imprvmnts/Remdling	2,624.00	2,624.00
04/28/22	0279000	Superior Vision Insurance Plan of W	5680	Health Exp - Claims	11,721.60	11,721.60
04/28/22	0065975	Susan L. Theiss	5352	Contracted Employment	920.00	920.00
04/28/22	0065973	Sweetbush	5355	Other Contracted Serv.	87.00	87.00
04/07/22	0065585	Sweet Skincare LLC	5230	Classroom & Lab Supp	648.00	648.00
04/28/22	0065974	Terra Translations, LLC	5355	Other Contracted Serv.	779.03	779.03
04/14/22	0065790	The Argen Corporation	5230	Classroom & Lab Supp	668.02	668.02
04/07/22	0065588	The Registry Inc	5243	Other Supplies	2,700.00	2,700.00
04/21/22	0065880	Thermo Fisher Scientific #542245	5230	Classroom & Lab Supp	398.96	398.96
04/28/22	0065976	Thysse Printing Services, Inc.	5259	Postage	5,047.96	5,047.96
04/14/22	0065787	Time Warner Cable	5454	Telephone	1,956.82	1,956.82
04/14/22	0065788	Total Filtration Services Inc	5238	Maint. & Cust. Supp	1,489.27	1,489.27
04/28/22	0065977	Total Water Treatment Systems, Inc.	5230	Classroom & Lab Supp	2,806.00	2,806.00
04/07/22	0065586	TouchPoint Medical Inc	5281	Classroom/Lab Eq. Rep.	2,810.00	2,810.00
04/14/22	0065789	TriMark Marlinn LLC	5714	Classroom & Lab Supplies	2,104.85	2,104.85
04/28/22	0065978	TriMark Marlinn LLC	5714	Classroom & Lab Supplies	273.25	273.25
04/07/22	0065587	Truck Fleet Services LLC	5281	Classroom/Lab Eq. Rep.	9,337.32	9,337.32
04/21/22	0065881	Uline	5243	Other Supplies	59.57	59.57
04/21/22	0278845	UnitedHealthCare Ins Co	2227	Payable to OPEB Trust	327,309.48	327,309.48
04/28/22	0065979	UPS	5259	Postage	982.52	982.52
04/07/22	0278416	US Brands	5259	Postage	92.33	92.33
04/07/22	0278417	US Foods, Inc	5704	Groceries-Resale	6,717.01	7,349.06
04/07/22	0278417	US Foods, Inc	5714	Classroom & Lab Supplies	632.05	7,349.06
04/14/22	0278671	US Foods, Inc	5704	Groceries-Resale	7,861.81	9,692.20
04/14/22	0278671	US Foods, Inc	5714	Classroom & Lab Supplies	1,830.39	9,692.20
04/21/22	0278846	US Foods, Inc	5704	Groceries-Resale	704.93	779.52
04/21/22	0278846	US Foods, Inc	5714	Classroom & Lab Supplies	74.59	779.52
04/28/22	0279001	US Foods, Inc	5704	Groceries-Resale	10,873.17	11,928.30
04/28/22	0279001	US Foods, Inc	5714	Classroom & Lab Supplies	1,055.13	11,928.30
04/21/22	0278847	Vanguard Computers Inc	5248	Classrm/Lab Equip.	2,445.00	2,445.00

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Check Date	Check Number	Vendor Name	Classification Description	Object Amount	Check Amount
04/21/22	0065883	Veritiv Operating Company	5244 Production Supplies	926.22	926.22
04/07/22	0065589	Verizon Wireless	5243 Other Supplies	160.06	160.06
04/21/22	0065884	Viewpoint LLC	5355 Other Contracted Serv.	836.24	836.24
04/14/22	0278672	Village of West Milwaukee	4118 Tax Levy-Pay-Back	740.88	740.88
04/07/22	0065590	Visionpoint Media, Inc.	5270 Advertising	69,454.97	69,454.97
04/07/22	0278418	VWR International Llc	5230 Classroom & Lab Supp	266.11	266.11
04/14/22	0278673	VWR International Llc	5230 Classroom & Lab Supp	250.23	250.23
04/21/22	0278848	VWR International Llc	5230 Classroom & Lab Supp	106.24	349.96
04/21/22	0278848	VWR International Llc	5235 Instructional Material	243.72	349.96
04/07/22	0065591	Waste Management of Milwaukee	5359 Waste Disposal	7,339.90	7,339.90
04/14/22	0065791	Waste Management of Milwaukee	5359 Waste Disposal	355.61	355.61
04/21/22	0065885	Waste Management of Milwaukee	5359 Waste Disposal	358.50	358.50
04/14/22	0065792	Westlaw	5243 Other Supplies	819.34	819.34
04/21/22	0065886	West Quarter West LLC	5418 Room Rental	14,223.41	14,223.41
04/14/22	0065793	Wide Awake Inc	5357 Professional & Consult	7,500.00	7,500.00
04/14/22	0065794	Wil-Surge Electric	3411 Resd for Encumbrances	189,000.00	189,000.00
04/07/22	0065592	WiscNet	5840 Equipment	50.00	50.00
04/14/22	0065796	WiscNet	5840 Equipment	716.00	716.00
04/14/22	0065797	Wisconsin Center for Nursing, Inc	5270 Advertising	3,000.00	3,000.00
04/28/22	0065981	Wisconsin Electric Power Co	5450 Gas	2,240.03	2,257.17
04/28/22	0065981	Wisconsin Electric Power Co	5452 Electricity	17.14	2,257.17
04/07/22	0065593	Wisconsin Library Services Inc	5220 Membership & Subscript	88.00	88.00
04/07/22	0065594	Wisconsin Newspaper Association	5220 Membership & Subscript	111.00	111.00
04/07/22	0065595	Wisconsin Realtors Association	5707 New Book-Resale	1,322.05	1,322.05
04/21/22	0065887	Wolter, Inc	5355 Other Contracted Serv.	1,336.00	1,336.00
04/07/22	0278397	W. W. Grainger, Inc	5230 Classroom & Lab Supp	77.15	210.36
04/07/22	0278397	W. W. Grainger, Inc	5238 Maint. & Cust. Supp	3.24	210.36
04/07/22	0278397	W. W. Grainger, Inc	5281 Classroom/Lab Eq. Rep.	129.97	210.36
04/14/22	0278660	W. W. Grainger, Inc	5230 Classroom & Lab Supp	891.32	1,032.30
04/14/22	0278660	W. W. Grainger, Inc	5238 Maint. & Cust. Supp	140.98	1,032.30
04/21/22	0278832	W. W. Grainger, Inc	5230 Classroom & Lab Supp	141.89	849.62
04/21/22	0278832	W. W. Grainger, Inc	5281 Classroom/Lab Eq. Rep.	707.73	849.62
04/28/22	0278986	W. W. Grainger, Inc	5230 Classroom & Lab Supp	995.17	1,197.68
04/28/22	0278986	W. W. Grainger, Inc	5238 Maint. & Cust. Supp	136.18	1,197.68
04/28/22	0278986	W. W. Grainger, Inc	5281 Classroom/Lab Eq. Rep.	66.33	1,197.68
04/07/22	0278419	Xerox Corporation	5355 Other Contracted Serv.	100.00	100.00
04/14/22	0278674	Xerox Corporation	5282 Off. General Eq. Rep.	3,450.00	3,450.00
04/14/22	0065798	Zahn Dental/Henry Schein	5230 Classroom & Lab Supp	125.11	2,538.41
04/14/22	0065798	Zahn Dental/Henry Schein	5243 Other Supplies	2,413.30	2,538.41
04/28/22	0065982	Zaina LLC	5238 Maint. & Cust. Supp	2,870.00	2,870.00
				2,890,686.14	

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Check Date	Check Number	Vendor Name	Classification Description	Object Amount	Check Amount
04/07/22	0065506	AT&T	5454 Telephone	14,056.40	14,056.40
04/07/22	0065507	Auto Paint & Supply Co Inc	5230 Classroom & Lab Supp	3,182.96	3,182.96
04/07/22	0065508	Ayres Associates Inc	5830 Imprvmnts/Remdling	4,684.25	4,684.25
04/07/22	0065509	B&h Photo Video	5840 Equipment	8,679.51	8,679.51
04/07/22	0065512	BankMobile Technologies Inc	5355 Other Contracted Serv.	2,572.50	2,572.50
04/07/22	0065514	Blair Fire Protection Llc	5830 Imprvmnts/Remdling	29,750.00	29,750.00
04/07/22	0065516	Butters Fetting Co Inc	5355 Other Contracted Serv.	6,949.58	6,949.58
04/07/22	0065528	Excel Disposal of Wisconsin LLC	5830 Imprvmnts/Remdling	3,061.11	3,061.11
04/07/22	0065531	Froedtert Health	5501 Student Activities	3,038.00	3,038.00
04/07/22	0065532	Gilbane Building Company	3411 Resd for Encumbrances	16,650.00	16,650.00
04/07/22	0065549	MBS Textbook Exchange Inc	5712 Used Books-Resale	2,987.73	2,987.73
04/07/22	0065554	Milwaukee Area Tech College	2325 Misc. Clubs Pay.	14,730.24	14,730.24
04/07/22	0065563	Pepsi Beverages Company	5704 Groceries-Resale	6,078.27	6,078.27
04/07/22	0065571	PTG Live Events LLC	5243 Other Supplies	6,401.50	6,401.50
04/07/22	0065572	Respiratory Review Workshops Inc	5714 Classroom & Lab Supplies	2,925.00	2,925.00
04/07/22	0065573	Rock Performance Center LLC	5419 Building Rental	6,000.00	6,000.00
04/07/22	0065574	Rosetta Stone Ltd	5840 Equipment	49,605.00	49,605.00
04/07/22	0065575	Rote Oil Ltd	5238 Maint. & Cust. Supp	4,478.11	4,478.11
04/07/22	0065576	Russell Metals Williams Bahcall	5230 Classroom & Lab Supp	4,209.12	4,209.12
04/07/22	0065582	SHI International Corp	5840 Equipment	25,664.33	25,664.33
04/07/22	0065584	Strang Inc	5830 Imprvmnts/Remdling	17,248.75	17,248.75
04/07/22	0065586	TouchPoint Medical Inc	5281 Classroom/Lab Eq. Rep.	2,810.00	2,810.00
04/07/22	0065587	Truck Fleet Services LLC	5281 Classroom/Lab Eq. Rep.	9,337.32	9,337.32
04/07/22	0065588	The Registry Inc	5243 Other Supplies	2,700.00	2,700.00
04/07/22	0065590	Visionpoint Media, Inc.	5270 Advertising	69,454.97	69,454.97
04/07/22	0065591	Waste Management of Milwaukee	5359 Waste Disposal	7,339.90	7,339.90
04/14/22	0065703	ACD Direct	5355 Other Contracted Serv.	6,730.44	6,730.44
04/14/22	0065704	Almabase Inc	5840 Equipment	24,300.00	24,300.00
04/14/22	0065705	American City Business Journals Inc	5272 Print Advertising	3,225.00	3,225.00
04/14/22	0065708	AT&T	5454 Telephone	4,470.34	4,470.34
04/14/22	0065709	AT&T	5454 Telephone	3,828.00	3,828.00
04/14/22	0065710	AT&T - SBS	5454 Telephone	38,764.17	38,764.17
04/14/22	0065717	Blair Fire Protection Llc	5830 Imprvmnts/Remdling	12,500.00	12,500.00
04/14/22	0065718	Nancy Blair	5357 Professional & Consult	8,400.00	8,400.00
04/14/22	0065721	Chefs Warehouse Midwest Llc Chefs W	5704 Groceries-Resale	2,922.86	2,922.86
04/14/22	0065722	City of Mequon	4118 Tax Levy-Pay-Back	285.73	3,087.20
04/14/22	0065722	City of Mequon	5455 Water	2,801.47	3,087.20
04/14/22	0065730	Diamedical Usa Equipment Llc	5840 Equipment	31,490.00	31,490.00
04/14/22	0065731	Brinks Incorporated	5355 Other Contracted Serv.	9,793.62	9,793.62
04/14/22	0065732	Elsevier	5714 Classroom & Lab Supplies	14,401.00	14,401.00
04/14/22	0065735	Exelon Corporation	5450 Gas	9,878.97	9,878.97
04/14/22	0065736	Fortune Fish Co	5704 Groceries-Resale	2,950.57	2,950.57
04/14/22	0065747	L K Goodwin Co Inc	5840 Equipment	3,743.28	3,743.28
04/14/22	0065749	Literacy Services	1340 Acct Rec Advance to Da	4,990.52	4,990.52
04/14/22	0065750	Marianna Inc	5230 Classroom & Lab Supp	1,403.22	3,583.93
04/14/22	0065750	Marianna Inc	5243 Other Supplies	2,180.71	3,583.93
04/14/22	0065756	Minnesota Elevator Inc	5353 Elevator P.M.	12,397.00	12,397.00
04/14/22	0065757	Mueller Communications LLC	5357 Professional & Consult	3,238.90	3,238.90
04/14/22	0065761	Nielsen Media Research	5661 Audience Research	19,613.96	19,613.96
04/14/22	0065774	Quadient Inc Dept 3689	5259 Postage	6,398.72	6,398.72
04/14/22	0065776	Royle Printing Co	5259 Postage	293.36	8,118.23
04/14/22	0065776	Royle Printing Co	5260 Printing & Duplicating	7,824.87	8,118.23
04/14/22	0065784	Staples Business Advantage	5230 Classroom & Lab Supp	380.08	9,337.88
04/14/22	0065784	Staples Business Advantage	5235 Instructional Material	47.30	9,337.88
04/14/22	0065784	Staples Business Advantage	5241 Office Supplies	6,154.57	9,337.88
04/14/22	0065784	Staples Business Advantage	5243 Other Supplies	1,835.49	9,337.88
04/14/22	0065784	Staples Business Advantage	5248 Classrm/Lab Equip.	599.86	9,337.88
04/14/22	0065784	Staples Business Advantage	5249 Office/Gen. Equip.	320.58	9,337.88
04/14/22	0065793	Wide Awake Inc	5357 Professional & Consult	7,500.00	7,500.00
04/14/22	0065794	Wil-Surge Electric	3411 Resd for Encumbrances	189,000.00	189,000.00
04/14/22	0065797	Wisconsin Center for Nursing, Inc	5270 Advertising	3,000.00	3,000.00
04/14/22	0065798	Zahn Dental/Henry Schein	5230 Classroom & Lab Supp	125.11	2,538.41
04/14/22	0065798	Zahn Dental/Henry Schein	5243 Other Supplies	2,413.30	2,538.41
04/21/22	0065807	Apple Computer Inc	5840 Equipment	4,392.00	4,392.00

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Check Date	Check Number	Vendor Name	Classification Description	Object Amount	Check Amount
04/21/22	0065809	At&t Mobility	5454 Telephone	9,129.67	9,129.67
04/21/22	0065810	Aurora Health Care Inc	5355 Other Contracted Serv.	2,655.84	2,655.84
04/21/22	0065817	Butters Fetting Co Inc	5355 Other Contracted Serv.	6,085.34	7,385.34
04/21/22	0065817	Butters Fetting Co Inc	5840 Equipment	1,300.00	7,385.34
04/21/22	0065822	Consilience Group LLC	5357 Professional & Consult	3,750.00	3,750.00
04/21/22	0065823	ConvergeOne Inc	5248 Classrm/Lab Equip.	14,975.00	14,975.00
04/21/22	0065827	Hulbert Piano	5840 Equipment	10,949.00	10,949.00
04/21/22	0065838	Froedtert Health	5243 Other Supplies	19,278.00	19,278.00
04/21/22	0065840	GearGrid, LLC	5243 Other Supplies	2,588.00	2,588.00
04/21/22	0065847	L K Goodwin Co Inc	5840 Equipment	14,713.20	14,713.20
04/21/22	0065848	Lincoln Electric Company	5230 Classroom & Lab Supp	2,930.78	2,930.78
04/21/22	0065849	Masonry Restoration Inc	5280 Building Repairs	2,550.00	2,550.00
04/21/22	0065857	Milwaukee Water Works	5455 Water	14,270.78	14,270.78
04/21/22	0065861	National Alliance for Partnerships	5211 Seminars & Workshops	2,805.00	2,805.00
04/21/22	0065865	Aaron Ovsienko	5355 Other Contracted Serv.	3,250.00	3,250.00
04/21/22	0065867	Patterson Dental Supply Inc	5242 Operating Supplies	8,441.60	8,961.61
04/21/22	0065867	Patterson Dental Supply Inc	5243 Other Supplies	520.01	8,961.61
04/21/22	0065872	Redshelf Inc	5706 Inclusive Access	175,172.73	175,172.73
04/21/22	0065874	Amalia F. Schoone	5352 Contracted Employment	4,148.00	4,148.00
04/21/22	0065879	Strang Inc	5830 Imprvmnts/Remdling	2,624.00	2,624.00
04/21/22	0065886	West Quarter West LLC	5418 Room Rental	14,223.41	14,223.41
04/28/22	0065894	Advertising Boelter & Lincoln Milw	5355 Other Contracted Serv.	11,031.75	11,031.75
04/28/22	0065900	AT&T	5454 Telephone	10,008.14	10,008.14
04/28/22	0065902	Atlas Copco Compressor LLC	5280 Building Repairs	3,133.31	3,133.31
04/28/22	0065914	Clever Sauce Creative LLC	5355 Other Contracted Serv.	20,500.00	20,500.00
04/28/22	0065917	Consilience Group LLC	5357 Professional & Consult	7,520.00	7,520.00
04/28/22	0065921	Edge Systems LLC	5711 Supplies-Resale	3,758.33	3,758.33
04/28/22	0065925	Exelon Corporation	5450 Gas	5,323.66	5,323.66
04/28/22	0065928	Fluid Aire Dynamics Inc	5355 Other Contracted Serv.	4,293.42	4,293.42
04/28/22	0065933	Henricksen Co	5840 Equipment	55,888.03	55,888.03
04/28/22	0065936	Johnson Controls Inc	5350 Chiller P.M.	7,154.55	9,306.99
04/28/22	0065936	Johnson Controls Inc	5355 Other Contracted Serv.	2,152.44	9,306.99
04/28/22	0065937	Joint Review Committee on	5220 Membership & Subscript	2,770.00	2,770.00
04/28/22	0065941	Lemberg Electric Co Inc	5355 Other Contracted Serv.	6,250.00	6,250.00
04/28/22	0065947	Midland Paper Company	5244 Production Supplies	5,880.53	5,880.53
04/28/22	0065952	Mv Sport Corporation Inc	5711 Supplies-Resale	2,548.78	2,548.78
04/28/22	0065953	NSI, Inc	5840 Equipment	15,499.06	15,499.06
04/28/22	0065964	Quick Fuel	5230 Classroom & Lab Supp	5,768.58	5,768.58
04/28/22	0065976	Thyssen Printing Services, Inc.	5259 Postage	5,047.96	5,047.96
04/28/22	0065977	Total Water Treatment Systems, Inc.	5230 Classroom & Lab Supp	2,806.00	2,806.00
04/28/22	0065982	Zaina LLC	5238 Maint. & Cust. Supp	2,870.00	2,870.00
04/07/22	0278385	AV Design Group Inc	5840 Equipment	31,600.00	31,600.00
04/07/22	0278386	Balestrieri Environmental & Develop	5355 Other Contracted Serv.	2,130.00	3,880.00
04/07/22	0278386	Balestrieri Environmental & Develop	5830 Imprvmnts/Remdling	1,750.00	3,880.00
04/07/22	0278388	Boer Architects Inc	5830 Imprvmnts/Remdling	10,000.00	10,000.00
04/07/22	0278389	C H Coakley & Co	5355 Other Contracted Serv.	320.00	3,224.00
04/07/22	0278389	C H Coakley & Co	5658 Other Expense	648.00	3,224.00
04/07/22	0278389	C H Coakley & Co	5830 Imprvmnts/Remdling	2,256.00	3,224.00
04/07/22	0278390	CDW Government Inc	5243 Other Supplies	871.60	143,429.60
04/07/22	0278390	CDW Government Inc	5282 Off. General Eq. Rep.	7,990.00	143,429.60
04/07/22	0278390	CDW Government Inc	5840 Equipment	134,568.00	143,429.60
04/07/22	0278391	Chyronhego Corporation	5674 Technical Operations	5,254.31	5,254.31
04/07/22	0278395	Engberg Anderson Inc	5830 Imprvmnts/Remdling	11,227.70	11,227.70
04/07/22	0278396	Gardner Builders Milwaukee Llc	3411 Resd for Encumbrances	672.95	24,842.74
04/07/22	0278396	Gardner Builders Milwaukee Llc	5830 Imprvmnts/Remdling	24,169.79	24,842.74
04/07/22	0278399	Hatch Staffing Services Inc	5840 Equipment	3,240.00	3,240.00
04/07/22	0278400	Honeywell International Inc	3411 Resd for Encumbrances	50,216.05	50,216.05
04/07/22	0278401	Hurt Electric Inc	5830 Imprvmnts/Remdling	9,800.00	9,800.00
04/07/22	0278402	Key Code Media	5674 Technical Operations	13,100.00	61,377.91
04/07/22	0278402	Key Code Media	5840 Equipment	48,277.91	61,377.91
04/07/22	0278403	Laforce Inc	3411 Resd for Encumbrances	4,563.00	4,563.00
04/07/22	0278404	Marchese Inc., V	5704 Groceries-Resale	5,959.66	5,959.66
04/07/22	0278405	Martek LLC	5840 Equipment	28,984.37	28,984.37
04/07/22	0278406	Michael Best & Friedrich LLP	5361 Legal Services	32,000.00	32,000.00
04/07/22	0278412	San-A-Care Inc	5238 Maint. & Cust. Supp	6,112.08	6,112.08

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Check Date	Check Number	Vendor Name	Classification Description	Object Amount	Check Amount
04/07/22	0278413	Seek Incorporated	5355 Other Contracted Serv.	11,751.04	12,881.04
04/07/22	0278413	Seek Incorporated	5830 Imprvmnts/Remdling	1,130.00	12,881.04
04/07/22	0278414	Selzer-Ornst Company	5830 Imprvmnts/Remdling	2,554.64	2,554.64
04/07/22	0278415	Southport Engineered Systems, LLC	5830 Imprvmnts/Remdling	2,830.00	2,830.00
04/07/22	0278417	US Foods, Inc	5704 Groceries-Resale	6,717.01	7,349.06
04/07/22	0278417	US Foods, Inc	5714 Classroom & Lab Supplies	632.05	7,349.06
04/14/22	0278645	A J Heinen Inc	5280 Building Repairs	2,760.00	2,760.00
04/14/22	0278647	Arthur J Gallagher Risk Management	5442 Liability Insurance	14,559.00	14,559.00
04/14/22	0278652	CDW Government Inc	5243 Other Supplies	177.00	25,377.00
04/14/22	0278652	CDW Government Inc	5840 Equipment	25,200.00	25,377.00
04/14/22	0278656	Forest Incentives Ltd	5243 Other Supplies	20,023.33	24,018.37
04/14/22	0278656	Forest Incentives Ltd	5259 Postage	3,995.04	24,018.37
04/14/22	0278657	Forms + Surfaces	5840 Equipment	2,565.00	2,565.00
04/14/22	0278659	Gardner Builders Milwaukee Llc	5830 Imprvmnts/Remdling	38,615.75	38,615.75
04/14/22	0278663	Kahler Slater	5830 Imprvmnts/Remdling	6,150.00	6,150.00
04/14/22	0278665	Paragon Development Systems	5840 Equipment	25,947.90	25,947.90
04/14/22	0278666	RyTech, LLC	5270 Advertising	8,000.84	8,000.84
04/14/22	0278670	SET Engineering, LLC	5355 Other Contracted Serv.	4,750.00	4,750.00
04/14/22	0278671	US Foods, Inc	5704 Groceries-Resale	7,861.81	9,692.20
04/14/22	0278671	US Foods, Inc	5714 Classroom & Lab Supplies	1,830.39	9,692.20
04/14/22	0278674	Xerox Corporation	5282 Off. General Eq. Rep.	3,450.00	3,450.00
04/21/22	0278825	A/E Graphics Inc	5270 Advertising	3,486.01	3,486.01
04/21/22	0278828	Building Service Inc	5830 Imprvmnts/Remdling	32,550.00	32,550.00
04/21/22	0278829	CDW Government Inc	5840 Equipment	2,678.75	2,678.75
04/21/22	0278830	Cintas Corporation	5355 Other Contracted Serv.	6,499.42	6,499.42
04/21/22	0278833	Grunau Co. Inc	5281 Classroom/Lab Eq. Rep.	876.89	19,234.66
04/21/22	0278833	Grunau Co. Inc	5355 Other Contracted Serv.	6,247.77	19,234.66
04/21/22	0278833	Grunau Co. Inc	5830 Imprvmnts/Remdling	12,110.00	19,234.66
04/21/22	0278835	Honeywell International Inc	5830 Imprvmnts/Remdling	53,000.00	53,000.00
04/21/22	0278837	Interstate Parking	5419 Building Rental	27,037.50	27,037.50
04/21/22	0278838	Madison National Life	2224 Life Insurance Pay	41,982.88	77,151.65
04/21/22	0278838	Madison National Life	2227 Payable to OPEB Trust	33,752.95	77,151.65
04/21/22	0278838	Madison National Life	5104 Life Insurance	1,415.82	77,151.65
04/21/22	0278839	McKinley Avenue LLC	5355 Other Contracted Serv.	5,536.09	55,795.26
04/21/22	0278839	McKinley Avenue LLC	5419 Building Rental	50,259.17	55,795.26
04/21/22	0278843	San-A-Care Inc	5238 Maint. & Cust. Supp	3,039.87	3,100.87
04/21/22	0278843	San-A-Care Inc	5355 Other Contracted Serv.	61.00	3,100.87
04/21/22	0278844	Seek Incorporated	5355 Other Contracted Serv.	6,197.36	8,146.61
04/21/22	0278844	Seek Incorporated	5830 Imprvmnts/Remdling	1,949.25	8,146.61
04/21/22	0278845	UnitedHealthCare Ins Co	2227 Payable to OPEB Trust	327,309.48	327,309.48
04/28/22	0278979	AV Design Group Inc	5840 Equipment	5,598.00	5,598.00
04/28/22	0278982	Deer District LLC	5501 Student Activities	15,500.00	15,500.00
04/28/22	0278985	Gardner Builders Milwaukee Llc	5830 Imprvmnts/Remdling	46,395.50	46,395.50
04/28/22	0278987	Gray Miller Persh LLP	5361 Legal Services	3,132.50	3,132.50
04/28/22	0278989	Hatch Staffing Services Inc	5840 Equipment	3,240.00	3,240.00
04/28/22	0278990	Hurt Electric Inc	5830 Imprvmnts/Remdling	4,020.00	4,020.00
04/28/22	0278994	Moody's Investors Service	5970 Admin Exp-Debt Service	30,000.00	30,000.00
04/28/22	0278996	Programming Service	5355 Other Contracted Serv.	5,550.00	5,550.00
04/28/22	0278998	Seek Incorporated	5355 Other Contracted Serv.	5,447.92	6,577.92
04/28/22	0278998	Seek Incorporated	5830 Imprvmnts/Remdling	1,130.00	6,577.92
04/28/22	0278999	SET Engineering, LLC	5355 Other Contracted Serv.	4,100.00	4,100.00
04/28/22	0279000	Superior Vision Insurance Plan of W	5680 Health Exp - Claims	11,721.60	11,721.60
04/28/22	0279001	US Foods, Inc	5704 Groceries-Resale	10,873.17	11,928.30
04/28/22	0279001	US Foods, Inc	5714 Classroom & Lab Supplies	1,055.13	11,928.30
				2,666,720.70	

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Check Date	Check Number	Vendor Name	Classification Description	Object Amount	Check Amount
04/21/22	0065865	Aaron Ovsienko	5355 Other Contracted Serv.	3,250.00	3,250.00
04/14/22	0065703	ACD Direct	5355 Other Contracted Serv.	6,730.44	6,730.44
04/28/22	0065894	Advertising Boelter & Lincoln Milw	5355 Other Contracted Serv.	11,031.75	11,031.75
04/21/22	0278825	A/E Graphics Inc	5270 Advertising	3,486.01	3,486.01
04/14/22	0278645	A J Heinen Inc	5280 Building Repairs	2,760.00	2,760.00
04/14/22	0065704	Almabase Inc	5840 Equipment	24,300.00	24,300.00
04/21/22	0065874	Amalia F. Schoone	5352 Contracted Employment	4,148.00	4,148.00
04/14/22	0065705	American City Business Journals Inc	5272 Print Advertising	3,225.00	3,225.00
04/21/22	0065807	Apple Computer Inc	5840 Equipment	4,392.00	4,392.00
04/14/22	0278647	Arthur J Gallagher Risk Management	5442 Liability Insurance	14,559.00	14,559.00
04/28/22	0065902	Atlas Copco Compressor LLC	5280 Building Repairs	3,133.31	3,133.31
04/07/22	0065506	AT&T	5454 Telephone	14,056.40	14,056.40
04/14/22	0065708	AT&T	5454 Telephone	4,470.34	4,470.34
04/14/22	0065709	AT&T	5454 Telephone	3,828.00	3,828.00
04/28/22	0065900	AT&T	5454 Telephone	10,008.14	10,008.14
04/21/22	0065809	At&t Mobility	5454 Telephone	9,129.67	9,129.67
04/14/22	0065710	AT&T - SBS	5454 Telephone	38,764.17	38,764.17
04/21/22	0065810	Aurora Health Care Inc	5355 Other Contracted Serv.	2,655.84	2,655.84
04/07/22	0065507	Auto Paint & Supply Co Inc	5230 Classroom & Lab Supp	3,182.96	3,182.96
04/07/22	0278385	AV Design Group Inc	5840 Equipment	31,600.00	31,600.00
04/28/22	0278979	AV Design Group Inc	5840 Equipment	5,598.00	5,598.00
04/07/22	0065508	Ayres Associates Inc	5830 Imprvmnts/Remdling	4,684.25	4,684.25
04/07/22	0278386	Balestrieri Environmental & Develop	5355 Other Contracted Serv.	2,130.00	3,880.00
04/07/22	0278386	Balestrieri Environmental & Develop	5830 Imprvmnts/Remdling	1,750.00	3,880.00
04/07/22	0065512	BankMobile Technologies Inc	5355 Other Contracted Serv.	2,572.50	2,572.50
04/07/22	0065509	B&h Photo Video	5840 Equipment	8,679.51	8,679.51
04/07/22	0065514	Blair Fire Protection Llc	5830 Imprvmnts/Remdling	29,750.00	29,750.00
04/14/22	0065717	Blair Fire Protection Llc	5830 Imprvmnts/Remdling	12,500.00	12,500.00
04/07/22	0278388	Boer Architects Inc	5830 Imprvmnts/Remdling	10,000.00	10,000.00
04/14/22	0065731	Brinks Incorporated	5355 Other Contracted Serv.	9,793.62	9,793.62
04/21/22	0278828	Building Service Inc	5830 Imprvmnts/Remdling	32,550.00	32,550.00
04/07/22	0065516	Butters Fetting Co Inc	5355 Other Contracted Serv.	6,949.58	6,949.58
04/21/22	0065817	Butters Fetting Co Inc	5355 Other Contracted Serv.	6,085.34	7,385.34
04/21/22	0065817	Butters Fetting Co Inc	5840 Equipment	1,300.00	7,385.34
04/07/22	0278390	CDW Government Inc	5243 Other Supplies	871.60	143,429.60
04/07/22	0278390	CDW Government Inc	5282 Off. General Eq. Rep.	7,990.00	143,429.60
04/07/22	0278390	CDW Government Inc	5840 Equipment	134,568.00	143,429.60
04/14/22	0278652	CDW Government Inc	5243 Other Supplies	177.00	25,377.00
04/14/22	0278652	CDW Government Inc	5840 Equipment	25,200.00	25,377.00
04/21/22	0278829	CDW Government Inc	5840 Equipment	2,678.75	2,678.75
04/07/22	0278389	C H Coakley & Co	5355 Other Contracted Serv.	320.00	3,224.00
04/07/22	0278389	C H Coakley & Co	5658 Other Expense	648.00	3,224.00
04/07/22	0278389	C H Coakley & Co	5830 Imprvmnts/Remdling	2,256.00	3,224.00
04/14/22	0065721	Chefs Warehouse Midwest Llc Chefs W	5704 Groceries-Resale	2,922.86	2,922.86
04/07/22	0278391	Chyronhego Corporation	5674 Technical Operations	5,254.31	5,254.31
04/21/22	0278830	Cintas Corporation	5355 Other Contracted Serv.	6,499.42	6,499.42
04/14/22	0065722	City of Mequon	4118 Tax Levy-Pay-Back	285.73	3,087.20
04/14/22	0065722	City of Mequon	5455 Water	2,801.47	3,087.20
04/28/22	0065914	Clever Sauce Creative LLC	5355 Other Contracted Serv.	20,500.00	20,500.00
04/21/22	0065822	Consilience Group LLC	5357 Professional & Consult	3,750.00	3,750.00
04/28/22	0065917	Consilience Group LLC	5357 Professional & Consult	7,520.00	7,520.00
04/21/22	0065823	ConvergeOne Inc	5248 Classrm/Lab Equip.	14,975.00	14,975.00
04/28/22	0278982	Deer District LLC	5501 Student Activities	15,500.00	15,500.00
04/14/22	0065730	Diamedical Usa Equipment Llc	5840 Equipment	31,490.00	31,490.00
04/28/22	0065921	Edge Systems LLC	5711 Supplies-Resale	3,758.33	3,758.33
04/14/22	0065732	Elsevier	5714 Classroom & Lab Supplies	14,401.00	14,401.00
04/07/22	0278395	Engberg Anderson Inc	5830 Imprvmnts/Remdling	11,227.70	11,227.70
04/07/22	0065528	Excel Disposal of Wisconsin LLC	5830 Imprvmnts/Remdling	3,061.11	3,061.11
04/14/22	0065735	Exelon Corporation	5450 Gas	9,878.97	9,878.97
04/28/22	0065925	Exelon Corporation	5450 Gas	5,323.66	5,323.66
04/28/22	0065928	Fluid Aire Dynamics Inc	5355 Other Contracted Serv.	4,293.42	4,293.42
04/14/22	0278656	Forest Incentives Ltd	5243 Other Supplies	20,023.33	24,018.37
04/14/22	0278656	Forest Incentives Ltd	5259 Postage	3,995.04	24,018.37
04/14/22	0278657	Forms + Surfaces	5840 Equipment	2,565.00	2,565.00

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Check Date	Check Number	Vendor Name	Classification Description	Object Amount	Check Amount
04/14/22	0065736	Fortune Fish Co	5704 Groceries-Resale	2,950.57	2,950.57
04/07/22	0065531	Froedtert Health	5501 Student Activities	3,038.00	3,038.00
04/21/22	0065838	Froedtert Health	5243 Other Supplies	19,278.00	19,278.00
04/07/22	0278396	Gardner Builders Milwaukee Llc	3411 Resd for Encumbrances	672.95	24,842.74
04/07/22	0278396	Gardner Builders Milwaukee Llc	5830 Imprvmnts/Remdling	24,169.79	24,842.74
04/14/22	0278659	Gardner Builders Milwaukee Llc	5830 Imprvmnts/Remdling	38,615.75	38,615.75
04/28/22	0278985	Gardner Builders Milwaukee Llc	5830 Imprvmnts/Remdling	46,395.50	46,395.50
04/21/22	0065840	GearGrid, LLC	5243 Other Supplies	2,588.00	2,588.00
04/07/22	0065532	Gilbane Building Company	3411 Resd for Encumbrances	16,650.00	16,650.00
04/28/22	0278987	Gray Miller Persh LLP	5361 Legal Services	3,132.50	3,132.50
04/21/22	0278833	Grunau Co. Inc	5281 Classroom/Lab Eq. Rep.	876.89	19,234.66
04/21/22	0278833	Grunau Co. Inc	5355 Other Contracted Serv.	6,247.77	19,234.66
04/21/22	0278833	Grunau Co. Inc	5830 Imprvmnts/Remdling	12,110.00	19,234.66
04/07/22	0278399	Hatch Staffing Services Inc	5840 Equipment	3,240.00	3,240.00
04/28/22	0278989	Hatch Staffing Services Inc	5840 Equipment	3,240.00	3,240.00
04/28/22	0065933	Henricksen Co	5840 Equipment	55,888.03	55,888.03
04/07/22	0278400	Honeywell International Inc	3411 Resd for Encumbrances	50,216.05	50,216.05
04/21/22	0278835	Honeywell International Inc	5830 Imprvmnts/Remdling	53,000.00	53,000.00
04/21/22	0065827	Hulbert Piano	5840 Equipment	10,949.00	10,949.00
04/07/22	0278401	Hurt Electric Inc	5830 Imprvmnts/Remdling	9,800.00	9,800.00
04/28/22	0278990	Hurt Electric Inc	5830 Imprvmnts/Remdling	4,020.00	4,020.00
04/21/22	0278837	Interstate Parking	5419 Building Rental	27,037.50	27,037.50
04/28/22	0065936	Johnson Controls Inc	5350 Chiller P.M.	7,154.55	9,306.99
04/28/22	0065936	Johnson Controls Inc	5355 Other Contracted Serv.	2,152.44	9,306.99
04/28/22	0065937	Joint Review Committee on	5220 Membership & Subscript	2,770.00	2,770.00
04/14/22	0278663	Kahler Slater	5830 Imprvmnts/Remdling	6,150.00	6,150.00
04/07/22	0278402	Key Code Media	5674 Technical Operations	13,100.00	61,377.91
04/07/22	0278402	Key Code Media	5840 Equipment	48,277.91	61,377.91
04/07/22	0278403	Laforce Inc	3411 Resd for Encumbrances	4,563.00	4,563.00
04/28/22	0065941	Lemberg Electric Co Inc	5355 Other Contracted Serv.	6,250.00	6,250.00
04/21/22	0065848	Lincoln Electric Company	5230 Classroom & Lab Supp	2,930.78	2,930.78
04/14/22	0065749	Literacy Services	1340 Acct Rec Advance to Da	4,990.52	4,990.52
04/14/22	0065747	L K Goodwin Co Inc	5840 Equipment	3,743.28	3,743.28
04/21/22	0065847	L K Goodwin Co Inc	5840 Equipment	14,713.20	14,713.20
04/21/22	0278838	Madison National Life	2224 Life Insurance Pay	41,982.88	77,151.65
04/21/22	0278838	Madison National Life	2227 Payable to OPEB Trust	33,752.95	77,151.65
04/21/22	0278838	Madison National Life	5104 Life Insurance	1,415.82	77,151.65
04/07/22	0278404	Marchese Inc., V	5704 Groceries-Resale	5,959.66	5,959.66
04/14/22	0065750	Marianna Inc	5230 Classroom & Lab Supp	1,403.22	3,583.93
04/14/22	0065750	Marianna Inc	5243 Other Supplies	2,180.71	3,583.93
04/07/22	0278405	Martek LLC	5840 Equipment	28,984.37	28,984.37
04/21/22	0065849	Masonry Restoration Inc	5280 Building Repairs	2,550.00	2,550.00
04/07/22	0065549	MBS Textbook Exchange Inc	5712 Used Books-Resale	2,987.73	2,987.73
04/21/22	0278839	McKinley Avenue LLC	5355 Other Contracted Serv.	5,536.09	55,795.26
04/21/22	0278839	McKinley Avenue LLC	5419 Building Rental	50,259.17	55,795.26
04/07/22	0278406	Michael Best & Friedrich LLP	5361 Legal Services	32,000.00	32,000.00
04/28/22	0065947	Midland Paper Company	5244 Production Supplies	5,880.53	5,880.53
04/07/22	0065554	Milwaukee Area Tech College	2325 Misc. Clubs Pay.	14,730.24	14,730.24
04/21/22	0065857	Milwaukee Water Works	5455 Water	14,270.78	14,270.78
04/14/22	0065756	Minnesota Elevator Inc	5353 Elevator P.M.	12,397.00	12,397.00
04/28/22	0278994	Moody's Investors Service	5970 Admin Exp-Debt Service	30,000.00	30,000.00
04/14/22	0065757	Mueller Communications LLC	5357 Professional & Consult	3,238.90	3,238.90
04/28/22	0065952	Mv Sport Corporation Inc	5711 Supplies-Resale	2,548.78	2,548.78
04/14/22	0065718	Nancy Blair	5357 Professional & Consult	8,400.00	8,400.00
04/21/22	0065861	National Alliance for Partnerships	5211 Seminars & Workshops	2,805.00	2,805.00
04/14/22	0065761	Nielsen Media Research	5661 Audience Research	19,613.96	19,613.96
04/28/22	0065953	NSI, Inc	5840 Equipment	15,499.06	15,499.06
04/14/22	0278665	Paragon Development Systems	5840 Equipment	25,947.90	25,947.90
04/21/22	0065867	Patterson Dental Supply Inc	5242 Operating Supplies	8,441.60	8,961.61
04/21/22	0065867	Patterson Dental Supply Inc	5243 Other Supplies	520.01	8,961.61
04/07/22	0065563	Pepsi Beverages Company	5704 Groceries-Resale	6,078.27	6,078.27
04/28/22	0278996	Programming Service	5355 Other Contracted Serv.	5,550.00	5,550.00
04/07/22	0065571	PTG Live Events LLC	5243 Other Supplies	6,401.50	6,401.50
04/14/22	0065774	Quadient Inc Dept 3689	5259 Postage	6,398.72	6,398.72
04/28/22	0065964	Quick Fuel	5230 Classroom & Lab Supp	5,768.58	5,768.58

Board Bill List Over \$2,500 by Payee - Checks Issued in April 2022

Check Date	Check Number	Vendor Name		Classification Description	Object Amount	Check Amount
04/21/22	0065872	Redshelf Inc	5706	Inclusive Access	175,172.73	175,172.73
04/07/22	0065572	Respiratory Review Workshops Inc	5714	Classroom & Lab Supplies	2,925.00	2,925.00
04/07/22	0065573	Rock Performance Center LLC	5419	Building Rental	6,000.00	6,000.00
04/07/22	0065574	Rosetta Stone Ltd	5840	Equipment	49,605.00	49,605.00
04/07/22	0065575	Rote Oil Ltd	5238	Maint. & Cust. Supp	4,478.11	4,478.11
04/14/22	0065776	Royle Printing Co	5259	Postage	293.36	8,118.23
04/14/22	0065776	Royle Printing Co	5260	Printing & Duplicating	7,824.87	8,118.23
04/07/22	0065576	Russell Metals Williams Bahcall	5230	Classroom & Lab Supp	4,209.12	4,209.12
04/14/22	0278666	RyTech, LLC	5270	Advertising	8,000.84	8,000.84
04/07/22	0278412	San-A-Care Inc	5238	Maint. & Cust. Supp	6,112.08	6,112.08
04/21/22	0278843	San-A-Care Inc	5238	Maint. & Cust. Supp	3,039.87	3,100.87
04/21/22	0278843	San-A-Care Inc	5355	Other Contracted Serv.	61.00	3,100.87
04/07/22	0278413	Seek Incorporated	5355	Other Contracted Serv.	11,751.04	12,881.04
04/07/22	0278413	Seek Incorporated	5830	Imprvmnts/Remdling	1,130.00	12,881.04
04/21/22	0278844	Seek Incorporated	5355	Other Contracted Serv.	6,197.36	8,146.61
04/21/22	0278844	Seek Incorporated	5830	Imprvmnts/Remdling	1,949.25	8,146.61
04/28/22	0278998	Seek Incorporated	5355	Other Contracted Serv.	5,447.92	6,577.92
04/28/22	0278998	Seek Incorporated	5830	Imprvmnts/Remdling	1,130.00	6,577.92
04/07/22	0278414	Selzer-Ornst Company	5830	Imprvmnts/Remdling	2,554.64	2,554.64
04/14/22	0278670	SET Engineering, LLC	5355	Other Contracted Serv.	4,750.00	4,750.00
04/28/22	0278999	SET Engineering, LLC	5355	Other Contracted Serv.	4,100.00	4,100.00
04/07/22	0065582	SHI International Corp	5840	Equipment	25,664.33	25,664.33
04/07/22	0278415	Southport Engineered Systems, LLC	5830	Imprvmnts/Remdling	2,830.00	2,830.00
04/14/22	0065784	Staples Business Advantage	5230	Classroom & Lab Supp	380.08	9,337.88
04/14/22	0065784	Staples Business Advantage	5235	Instructional Material	47.30	9,337.88
04/14/22	0065784	Staples Business Advantage	5241	Office Supplies	6,154.57	9,337.88
04/14/22	0065784	Staples Business Advantage	5243	Other Supplies	1,835.49	9,337.88
04/14/22	0065784	Staples Business Advantage	5248	Classrm/Lab Equip.	599.86	9,337.88
04/14/22	0065784	Staples Business Advantage	5249	Office/Gen. Equip.	320.58	9,337.88
04/07/22	0065584	Strang Inc	5830	Imprvmnts/Remdling	17,248.75	17,248.75
04/21/22	0065879	Strang Inc	5830	Imprvmnts/Remdling	2,624.00	2,624.00
04/28/22	0279000	Superior Vision Insurance Plan of W	5680	Health Exp - Claims	11,721.60	11,721.60
04/07/22	0065588	The Registry Inc	5243	Other Supplies	2,700.00	2,700.00
04/28/22	0065976	Thysse Printing Services, Inc.	5259	Postage	5,047.96	5,047.96
04/28/22	0065977	Total Water Treatment Systems, Inc.	5230	Classroom & Lab Supp	2,806.00	2,806.00
04/07/22	0065586	TouchPoint Medical Inc	5281	Classroom/Lab Eq. Rep.	2,810.00	2,810.00
04/07/22	0065587	Truck Fleet Services LLC	5281	Classroom/Lab Eq. Rep.	9,337.32	9,337.32
04/21/22	0278845	UnitedHealthCare Ins Co	2227	Payable to OPEB Trust	327,309.48	327,309.48
04/07/22	0278417	US Foods, Inc	5704	Groceries-Resale	6,717.01	7,349.06
04/07/22	0278417	US Foods, Inc	5714	Classroom & Lab Supplies	632.05	7,349.06
04/14/22	0278671	US Foods, Inc	5704	Groceries-Resale	7,861.81	9,692.20
04/14/22	0278671	US Foods, Inc	5714	Classroom & Lab Supplies	1,830.39	9,692.20
04/28/22	0279001	US Foods, Inc	5704	Groceries-Resale	10,873.17	11,928.30
04/28/22	0279001	US Foods, Inc	5714	Classroom & Lab Supplies	1,055.13	11,928.30
04/07/22	0065590	Visionpoint Media, Inc.	5270	Advertising	69,454.97	69,454.97
04/07/22	0065591	Waste Management of Milwaukee	5359	Waste Disposal	7,339.90	7,339.90
04/21/22	0065886	West Quarter West LLC	5418	Room Rental	14,223.41	14,223.41
04/14/22	0065793	Wide Awake Inc	5357	Professional & Consult	7,500.00	7,500.00
04/14/22	0065794	Wil-Surge Electric	3411	Resd for Encumbrances	189,000.00	189,000.00
04/14/22	0065797	Wisconsin Center for Nursing, Inc	5270	Advertising	3,000.00	3,000.00
04/14/22	0278674	Xerox Corporation	5282	Off. General Eq. Rep.	3,450.00	3,450.00
04/14/22	0065798	Zahn Dental/Henry Schein	5230	Classroom & Lab Supp	125.11	2,538.41
04/14/22	0065798	Zahn Dental/Henry Schein	5243	Other Supplies	2,413.30	2,538.41
04/28/22	0065982	Zaina LLC	5238	Maint. & Cust. Supp	2,870.00	2,870.00
					2,666,720.70	

Board Bill List Allocation of Cash By Fund

1	General Fund	\$756,578.88
2	Restricted Fund	\$76,859.99
3	Capital Projects	\$1,127,343.11
4	Debt Service	\$31,213.56
5	Enterprise	\$282,863.54
5	TV Fund	\$189,983.10
6	Internal Service Fund	\$372,784.03
7	Trust & Agency	\$53,059.93
		<hr/>
		\$2,890,686.14
		<hr/> <hr/>

Board Bill List TV Fund by Check No. - Checks Issued in April 2022

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Check Date	Check Number	Vendor Name	Classification	Description	Object Amount
04/07/22	0065504	Anchor Printing Inc	5260	Printing & Duplicating	2,322.80
04/07/22	0065505	AT&T	5454	Telephone	818.22
04/07/22	0065523	Contributor Development Partnership	5355	Other Contracted Serv.	36.00
04/07/22	0065566	Pitney Bowes/Presort Service	5259	Postage	406.74
04/07/22	0065571	PTG Live Events LLC	5243	Other Supplies	6,401.50
04/14/22	0065703	ACD Direct	5355	Other Contracted Serv.	6,730.44
04/14/22	0065708	AT&T	5454	Telephone	646.22
04/14/22	0065712	B&h Photo Video	5840	Equipment	1,452.36
04/14/22	0065734	Evertz Microsystems Ltd	5674	Technical Operations	1,500.00
04/14/22	0065755	Milwaukee Public Museum	5260	Printing & Duplicating	137.50
04/14/22	0065757	Mueller Communications LLC	5357	Professional & Consult	681.01
04/14/22	0065761	Nielsen Media Research	5661	Audience Research	19,613.96
04/14/22	0065768	Pitney Bowes Global Financial Services	5355	Other Contracted Serv.	1,114.26
04/14/22	0065769	Pitney Bowes/Presort Service	5259	Postage	1,688.69
04/14/22	0065771	Postmaster	5259	Postage	265.00
04/14/22	0065775	Rev.com Inc	5668	Program Production	287.64
04/14/22	0065776	Royle Printing Co	5259	Postage	293.36
04/14/22	0065776	Royle Printing Co	5260	Printing & Duplicating	7,824.87
04/14/22	0065784	Staples Business Advantage	5241	Office Supplies	445.56
04/14/22	0065787	Time Warner Cable	5454	Telephone	1,956.82
04/28/22	0065893	Accuweather Inc	5674	Technical Operations	450.00
04/28/22	0065900	AT&T	5454	Telephone	817.68
04/28/22	0065901	At&t Mobility	5454	Telephone	21.86
04/28/22	0065940	Kiwanis Club of Milwaukee, Inc	5220	Membership & Subscript	185.00
04/28/22	0065953	NSI, Inc	5840	Equipment	15,499.06
04/28/22	0065963	Pitney Bowes/Presort Service	5259	Postage	255.80
04/28/22	0065976	Thysse Printing Services, Inc.	5259	Postage	5,047.96
04/07/22	0278391	Chyronhego Corporation	5674	Technical Operations	5,254.31
04/07/22	0278402	Key Code Media	5674	Technical Operations	13,100.00
04/07/22	0278402	Key Code Media	5840	Equipment	48,277.91
04/07/22	0278416	US Brands	5259	Postage	92.33
04/14/22	0278656	Forest Incentives Ltd	5243	Other Supplies	20,023.33
04/14/22	0278656	Forest Incentives Ltd	5259	Postage	3,995.04
04/14/22	0278658	Full Compass Systems LTD-FBB	5840	Equipment	777.24
04/14/22	0278666	RyTech, LLC	5270	Advertising	8,000.84
04/21/22	0278825	A/E Graphics Inc	5270	Advertising	3,486.01
04/21/22	0278826	Airgas Inc	5678	Wmvs Transmitter Rep.	13.76
04/28/22	0278984	Forest Incentives Ltd	5243	Other Supplies	1,168.64
04/28/22	0278984	Forest Incentives Ltd	5259	Postage	210.88
04/28/22	0278987	Gray Miller Persh LLP	5361	Legal Services	3,132.50
04/28/22	0278996	Programing Service	5355	Other Contracted Serv.	5,550.00
					189,983.10

Board Bill List Over \$2,500 for Channels 10/36 - Checks Issued in April 2022

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Check Date	Check Number	Vendor Name		Classification Description	Object Amount
04/07/22	0065571	PTG Live Events LLC	5243	Other Supplies	6,401.50
04/14/22	0065703	ACD Direct	5355	Other Contracted Serv.	6,730.44
04/14/22	0065761	Nielsen Media Research	5661	Audience Research	19,613.96
04/14/22	0065776	Royle Printing Co	5260	Printing & Duplicating	7,824.87
04/28/22	0065953	NSI, Inc	5840	Equipment	15,499.06
04/28/22	0065976	Thysse Printing Services, Inc.	5259	Postage	5,047.96
04/07/22	0278391	Chyronhego Corporation	5674	Technical Operations	5,254.31
04/07/22	0278402	Key Code Media	5674	Technical Operations	13,100.00
04/07/22	0278402	Key Code Media	5840	Equipment	48,277.91
04/14/22	0278656	Forest Incentives Ltd	5243	Other Supplies	20,023.33
04/14/22	0278656	Forest Incentives Ltd	5259	Postage	3,995.04
04/14/22	0278666	RyTech, LLC	5270	Advertising	8,000.84
04/21/22	0278825	A/E Graphics Inc	5270	Advertising	3,486.01
04/28/22	0278987	Gray Miller Persh LLP	5361	Legal Services	3,132.50
04/28/22	0278996	Programming Service	5355	Other Contracted Serv.	5,550.00
					<u>171,937.73</u>

Accounts Payable Reversed Check Register

Ending 04/30/22

<u>Check Date</u>	<u>Reversed Date</u>	<u>Payee</u>	<u>Amount</u>
0064485	04/12/22	Mindworks	\$4855.00
0065377	04/19/22	Viewpoint	\$3575.31

	A	B	C	I	J	K	L	M	N
1	Milwaukee Area Technical College								
2	Fiscal Year Year-to-date April 2021 and 2022 Attachment 4-b								
3									
4	Prepared By: Finance Division on May 9, 2022			General Fund					
5									
6									
7	Account Description		Year-to-date Actual April 2020-21	Full Year Actual Fiscal Year 2020-2021	YTD % of Actual	Year-to-date Actual April 2021-2022	Full Year Budget Fiscal Year 2021 - 2022	YTD % of Budget	
8									
9	Local Government Total		41,131,748	52,579,075	78.2%	40,153,314.34	49,534,492	81.1%	
10									
11	State Aid Plus Act 145 Funding Total		74,860,359	77,613,280	96.5%	79,080,397	81,817,863	96.7%	
12									
13	Statutory Program Fees Total		33,362,024	33,227,998	100.4%	31,482,598	36,804,900	85.5%	
14									
15	Material Fees Total		1,192,073	1,188,034	100.3%	1,208,253	1,313,300	92.0%	
16									
17	Other Student Fees Total		2,810,757	2,835,212	99.1%	1,392,888	1,259,500	110.6%	
18									
19	Institutional Revenue Total		1,681,601	2,568,606	65.5%	1,955,456	2,539,955	77.0%	
20									
21	Federal Revenue Total		-	-		110,483	4,091,000	2.7%	
22	Total Revenue		155,038,563	170,012,205	91.2%	155,383,389	177,361,010	87.6%	
23									
24									
25	Salaries Total		96,019,721	113,897,158	84.3%	97,584,922	116,679,523	83.6%	
26									
27	Fringe Benefit Total		33,392,524	41,007,568	81.4%	34,984,496	41,696,723	83.9%	
28									
29	Non-Salary/Non-Benefit Expenses		13,207,422	14,372,232	91.9%	13,647,384	18,984,764	71.9%	
30									
31	Total Expenditures		142,619,667	169,276,959	84.3%	146,216,802	177,361,010	82.4%	
32									
33	Surplus or (Deficit)		12,418,895	735,247		9,166,586	-		
34									
35	Beginning General Fund Reserve (February 1st)			39,596,563			40,331,810		
36	Add: Surplus or Subtract: (Deficit)			735,247			-		
37	Ending General Fund Reserve (February 30th)			40,331,810			40,331,810		
38	Reserve as Percentage of Total Revenue			23.72%			22.74%		
39									



MATC New Hire Metrics

May 2022

Addressing Affirmative Action Goals:

MATC's current Affirmative Action Plan identifies four categories where the college is believed to have underutilized diverse populations in comparison to state and local standards:

EEO Category	Females	All Minority Groups	Ethnic Groups
Faculty	No Underutilization	No Underutilization	Asian
Skilled Craft	Underutilization	Underutilization	Black Hispanic Asian American Indian
Technical	No Underutilization	No Underutilization	Asian
All Staff	No Underutilization	No Underutilization	Hispanic
Service Maintenance	Underutilization	No Underutilization	Asian Hispanic

MATC continues to be impacted by the “Great Resignation” movement. The Talent Acquisition department has experienced additional turnover. We view these circumstances as an opportunity to review, document, and streamline recruiting processes and procedures. In June, the department will begin conducting a recruitment audit. Our goal is to align MATC recruiting practices with industry-best standards.

Skilled Crafts:

The skilled crafts area of the college is a small population of employees that sees very low turnover. In the event that an employee should vacate a position, HR will make all efforts possible to fill the role to assist with the underutilization.

Faculty:

Hiring diverse faculty continues to be a top priority. Faculty hiring for summer and fall has increased over the past month. We are now focusing on recruiting for the fall semester. The goal is to post opportunities on diverse recruiting sites that attract diverse applicants. Our current relationship with [higheredjobs.com](https://www.higheredjobs.com) provides job boards that specialize in attracting diverse applicants, specifically African-Americans and Hispanics.

Hispanic Employee Population:

We continue to experience modest gains in the hiring of Hispanic employees. In May, we added two new Hispanic employees. HR will continue to make efforts in hiring additional Hispanic bilingual staff for the current fiscal year to support the College's Hispanic servicing institution initiative.

NEW HIRES

	May			
Full Time Hires (All)				
Identified Diversity	Hires	Monthly %	YTD Total	YTD %
American Indian or Alaska Native	0	0.00%	0	0.00%
Asian (Not Hispanic or Latino)	0	0.00%	3	2.31%
Black or African American (Not Hispanic or Latino)	3	60.00%	44	33.85%
Hispanic or Latino	2	40.00%	16	12.31%
Two or More Races	0	0.00%	7	5.38%
White (Not Hispanic or Latino)	0	0.00%	60	46.15%
	5	100%	130	100%

Full Time Faculty Only				
Identified Diversity	Hires	Monthly %	YTD Total	YTD %
American Indian or Alaska Native	0	0.00%	0	0.00%
Asian (Not Hispanic or Latino)	0	0.00%	1	2.70%
Black or African American (Not Hispanic or Latino)	0	0.00%	5	13.51%
Hispanic or Latino	0	0.00%	4	10.81%
Two or More Races	0	0.00%	0	0.00%
White (Not Hispanic or Latino)	0	0.00%	27	72.97%
	0	0%	37	100%

Part Time Faculty Only				
Identified Diversity	Hires	Monthly %	YTD Total	YTD %
American Indian or Alaska Native	0	0.00%	0	0.00%
Asian (Not Hispanic or Latino)	0	0.00%	3	2.78%
Black or African American (Not Hispanic or Latino)	0	0.00%	24	22.22%
Hispanic or Latino	0	0.00%	8	7.41%
Two or More Races	0	0.00%	4	3.70%
White (Not Hispanic or Latino)	3	100.00%	69	63.89%
	3	100%	108	100%

Full Time Staff Only				
Identified Diversity	Hires	Monthly %	YTD Total	YTD %
American Indian or Alaska Native	0	0.00%	0	0.00%
Asian (Not Hispanic or Latino)	0	0.00%	2	2.15%

Black or African American (Not Hispanic or Latino)	3	60.00%	39	41.94%
Hispanic or Latino	2	40.00%	12	12.90%
Two or More Races	0	0.00%	7	7.53%
White (Not Hispanic or Latino)	0	0.00%	33	35.48%
	5	100%	93	100%

All New Hires by Gender			YTD Total	YTD%
Female	5	50.00%	182	58%
Male	5	50.00%	134	42%
	10	100%	316	100%

All Promotions				
Identified Diversity	Promotions	Monthly %	YTD Total	YTD %
American Indian or Alaska Native	0	0.00%	0	0.00%
Asian (Not Hispanic or Latino)	1	25.00%	6	9.23%
Black or African American (Not Hispanic or Latino)	0	0.00%	14	21.54%
Hispanic or Latino	0	0.00%	9	13.85%
Two or More Races	0	0.00%	2	3.08%
White (Not Hispanic or Latino)	3	75.00%	34	52.31%
	4	100%	65	100%

Faculty Only Promotions				
Identified Diversity	Promotions	Monthly %	YTD Total	YTD %
American Indian or Alaska Native	0	0.00%	0	0.00%
Asian (Not Hispanic or Latino)	0	0.00%	2	10.00%
Black or African American (Not Hispanic or Latino)	0	0.00%	4	20.00%
Hispanic or Latino	0	0.00%	2	10.00%
Two or More Races	0	0.00%	0	0.00%
White (Not Hispanic or Latino)	1	100.00%	12	60.00%
	1	100%	20	100%

Staff Only Promotions				
Identified Diversity	Promotions	Monthly %	YTD Total	YTD %
American Indian or Alaska Native	0	0.00%	0	0.00%
Asian (Not Hispanic or Latino)	1	33.33%	4	9.09%

Black or African American (Not Hispanic or Latino)	0	0.00%	10	22.73%
Hispanic or Latino	0	0.00%	7	15.91%
Two or More Races	0	0.00%	2	4.55%
White (Not Hispanic or Latino)	2	66.67%	21	47.73%
	3	100%	44	100%

Promotions by Gender			YTD Total	YTD%
Female	4	80.00%	43	65.15%
Male	1	20.00%	23	34.85%
	5	100.00%	66	100%

Identified Diversity	Transfers	Monthly %	YTD Total	YTD %
American Indian or Alaska Native	0	0.00%	0	0.00%
Asian (Not Hispanic or Latino)	0	0.00%	0	0.00%
Black or African American (Not Hispanic or Latino)	0	0.00%	5	35.71%
Hispanic or Latino	1	100.00%	3	21.43%
Two or More Races	0	0.00%	0	0.00%
White (Not Hispanic or Latino)	0	0.00%	6	42.86%
	1	100%	14	100%

Identified Diversity	Transfers	Monthly %	YTD Total	YTD %
Female	1	100.00%	8	57%
Male	0	0.00%	6	43%
	1	100%	14	100%

Identified Diversity	Interims	Monthly %	YTD Total	YTD %
American Indian or Alaska Native	0	0.00%	0	0.00%
Asian (Not Hispanic or Latino)	0	0.00%	0	0.00%
Black or African American (Not Hispanic or Latino)	0	0.00%	0	50.00%
Hispanic or Latino	0	0.00%	0	0.00%
Two or More Races	0	0.00%	0	0.00%
White (Not Hispanic or Latino)	0	0.00%	1	25.00%
	0	0%	4	100%

Identified Diversity	Interims	Monthly %	YTD Total	YTD %
Female	0	0.00%	1	20%
Male	0	0.00%	4	80%

	0	0.00%	5	100%
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Attachment 4-C
Appointments
May 2022

Division	Full Name	Job Type	Position Title	Reason For Opening	Employee Status	Start Date	Ltegrant End Date	Offer Amount	Degree	Institution
College Advancement	Fortune, Darryll	Full-Time	Director, Content & Public Relations (FT)	Retirement	New Hire	5/16/22		\$112,000.00	Bachelor's Degree	University of Kansas
Community & Human Services Pathway	Hainzl, Steven	Part-Time	Instructor Criminal Justice (PT)	Replacement	New Hire	4/18/22		\$28.77	Associates Degree	Triton College
Community & Human Services Pathway	Carriveau, Guy	Part-Time	Instuctor EMS	Replacement	New Hire	5/2/22		\$28.77	Masters Degree	University of Phoenix
Community & Human Services Pathway	Markunas, Kristine	Part-Time	Instructor EMS	Replacement	New Hire	5/9/22		\$28.77	Associates Degree	Milwaukee Area Technical College
Employer & Educational Community Services	Bachleitner Rodriguez, Sara	Specially - Funded (Full-Time)	Bilingual Educational Assistant - FT	Replacement	New Hire	5/2/22		\$27.00	Masters Degree	University of Wisconsin Milwaukee
Facilities & Operations	Johnson, Christina	Part-Time	Shuttle Van Driver (PT)	Replacement	New Hire	4/18/22		\$15.44	High School Diploma	Bayview High School
Facilities & Operations	Brooks, Steve	Full-Time	Building Services Assistant (FT)	Replacement	New Hire	5/2/22		\$19.67	High School Diploma	Southeastern High School
Manufacturing, Construction & Transportation Pathway	Dsouza, Erica	Part-Time	MCT Administrative Assistant PT	Replacement	New Hire	5/16/22		\$22.00	Associates Degree	MATC
Office of General Counsel	Hinton, Randall	Full-Time	Public Safety Specialist (FT)	Replacement	New Hire	5/15/22		\$24.00	High School Diploma	Thornton Fractional South High School
Retention & Completion	Romo, Wendolyn	Specially - Funded (Full-Time)	Student Resource Center Social Worker	New Position	New Hire	5/16/22	6/30/23	\$64,480.00	Masters Degree	University of Wisconsin Milwaukee

Attachment 4-C
Change in Status
May 2022

Division	Full Name	Job Type	Position Title	Reason For Opening	Employee Status	Start Date	Ltegrant End Date	Offer Amount	Degree	Institution
Community & Human Services Pathway Employer & Educational Community Services	González, Bertha	Specially - Funded (Part-Time)	Bilingual Educational Assistant (PT) Early Childhood	Replacement	Title to Title 1	5/22/22		\$20.16	Associates Degree	MATC
Enrollment Management Human Resources	Florez, Norma	Specially - Funded (Part-Time)	PT Bilingual Educational Assistant	Replacement	Promotion	5/2/22		\$24.95	Associates Degree	National University of Columbia
Manufacturing, Construction & Transportation Pathway Retention & Completion	Xiong, Ka	Full-Time	Coordinator, CPLE	Replacement	Promotion	5/1/22		\$81,931.20	Bachelor's Degree	Ottawa University
	Farvour, Megan	Full-Time	Manager, Compensation	Replacement	Promotion	4/17/22		\$101,088.00	Bachelor's Degree	University of Wisconsin - Whitewater
	Hoffmann, David	Full-Time	Instructor, Automotive Technology FT	Replacement	Promotion	5/15/22		\$87,334.00	Associates Degree	MATC
	Weber, Haley	Specially - Funded (Full-Time)	Student Resource Center Coordinator FT LTE	Temporary	Promotion	5/1/22	6/30/23	\$62,004.80	Masters Degree	Marquette University

Attachment 4-C
Separations
May 2022

Division	Name (last, first)	Type of Separation	Separation Date	Cosmo ID	Title	Full time / Part time	Date added to
Create	Foote, Robert	Resignation	5/10/22	14856	Instructor	Part	5/10/22
Employer and Community Education	Solano-Solano, Maria	End of Assignment	6/30/22	1456372	Educational Assistant	Full	4/26/22
Employer and Community Education	Wlodarski, Donald	Resignation	6/27/22	16627	Instructor	Part	4/29/22
Employer and Community Education	Feld, Jonathan	Resignation	6/24/22	705801	Director, High School Relation & Transfer	Full	5/5/22
Enrollment Management	Galaviz, Marisela	Retirement	5/31/22	2362	Manager, Admissions Center - South	Full	3/7/22
Enrollment Management	Torrence, Sherri	Resignation	5/13/22	127901	Registration Specialist	Full	5/3/22
Facilities & Operations	Qualls, Emanuel	Termination	5/5/22	316985	Shuttle Driver	Part	5/5/22
General Education	Jennerjohn, Janet	Resignation	5/27/22	950270	Instructor	Part	4/29/22
Human Resources	Groh, Amanda	Resignation	5/6/22	1106915	Talent Acquisition Partner	Full	4/25/22
Institutional Effectiveness	Weathersby, Porche	End of Assignment	4/17/22	1322924	Coordinator, Health & Testing	Full	4/21/22
Institutional Effectiveness	Danz, Carriel	Retirement	7/4/22	983714	Coordinator, Grants	Full	5/4/22
Institutional Effectiveness	Woda, Christine	Retirement	7/1/22	6444	Coordinator, Grants & Development	Full	5/9/22
Online Learning	Curtin, Pamela	Retirement	7/5/22	7324	Manager, Online Support Services	Full	5/10/22
Retention and Completion	Litwin, Christine	Retirement	5/20/22	15652	Licensed Professional Counselor	Full	10/26/21
Retention and Completion	Roe, Susan	Retirement	5/2/22	502727	Office Assistant	Full	1/9/22
Retention and Completion	Harrell, Michelle	Resignation	5/17/22	1415111	Manager, Library and Information Services	Full	4/19/22
Retention and Completion	Kume-Robertson, Albana	End of Assignment	6/30/22	1278038	Educational Assistant	Part	4/26/22
Retention and Completion	Cooper Crosby, Nancy	End of Assignment	6/30/22	977859	Educational Assistant	Part	4/27/22
Retention and Completion	Maxwell, Robin	End of Assignment	6/30/22	1519401	Educational Assistant	Part	4/27/22
Retention and Completion	Chavez, Michael	End of Assignment	6/30/22	1532845	Educational Assistant	Part	4/27/22
Retention and Completion	Cottrell, Christine	Resignation	6/16/22	1378533	Pathway Advisor	Full	4/29/22
Retention and Completion	Boyd, Jamiah	Resignation	4/8/22	1540104	Barista	Part	5/2/22
Serve	Spahn, Russell	Resignation	6/30/22	16623	Director, Protective Service	Full	4/19/22
STEM	Setoodeh, Rahim	Retirement	5/21/22	19985	Instructor	Full	4/25/22
STEM	Tanem, John	Resignation	5/3/22	1007155	Instructor	Part	5/4/22

PROCUREMENT REPORT

MAY 2022

The Procurement report consists of:

- Part I Procurements

Each month, the MATC District Board approves contracts, procurements and services related to the operation of the college. The current items for board approval are:

I. Procurements

1. DENTAL EQUIPMENT STERLIZERS – MILWAUKEE CAMPUS
D.A.I. Scientific Equipment
Mundelein, IL
\$147,961.00
2. DENTAL EQUIPMENT SENSORS AND HOLDERS – MILWAUKEE CAMPUS
Henry Schein Dental
Melville, NY
\$86,584.00
3. SLEEPER TRUCK – OAK CREEK CAMPUS
Lakeside International, LLC
Milwaukee, WI
\$183,524.00

Part I: PROCUREMENTS

Item 1: DENTAL EQUIPMENT STERILIZERS - MILWAUKEE CAMPUS

Background Information

The MATC Healthcare Pathway is requesting the purchase of two dental equipment sterilizers for the Dental Hygiene program.

Dental Hygiene is a busy practice with sessions back to back overlapped with classroom/lab sessions creating a backlog in the sterilization process. Each load requires at least 45 minutes at 121°C and with the current smaller units that we have in place, we are unable to keep up with the demand for turnaround for dental instruments/equipment. OSAP and the CDC require dental instruments to remain in the sterilizer until fully dry before use. The models SR-26A and model SR-24A sterilizer from Consolidated Sterilizer Systems are energy efficient and will allow us to run up to 30 instrument cassettes, versus our current situation of running only 9. If repairs are needed the parts can be easily repaired and replaced using non-proprietary parts that can be purchased from our local suppliers. With use of this large sterilizer we will be able to meet our clinical demands for sterilized equipment in a timely manner that will ensure we are in compliance with CDC guidelines for equipment sterilization. The new sterilizer would also increase efficiency for sterilization monitoring and maintenance of records for all equipment sterilized.

This purchase will be made under the University of WI Contract 20-5700, which meets all state of Wisconsin Procurement Requirements.

Positive action by the MATC District Board will result in a purchase from D.A.I. Scientific Equipment of Mundelein, IL for a cost of \$147,961.00

Part I: PROCUREMENTS

Item 2: DENTAL EQUIPMENT STERILIZERS - MILWAUKEE CAMPUS

Background Information

The MATC Healthcare Pathway is requesting the purchase of radiographic sensor holders and sensors for the Dental Hygiene program.

MATC dental hygiene program strives to provide students with the most current and evidence-based practices in the field. In order to stay current with available radiographic techniques and to equip students with the knowledge and skills required to work with digital sensor radiographic techniques, we need to purchase digital sensors, and compatible radiographic sensor holders for both paralleling and bisecting techniques for all types of images.

This purchase will be made under the State of WI Contract 505ENT-M20-DENTALSUP-00, which meets all state of Wisconsin Procurement Requirements.

Positive action by the MATC District Board will result in a purchase from Henry Schein Dental of Melville, NY for a cost of \$86,584.00

Part I: PROCUREMENTS

Item 3: SLEEPER TRUCK – OAK CREEK CAMPUS

Background Information

The MATC Truck Driving program is requesting the purchase of a 2024 sleeper truck.

The current MATC truck fleet of 15 trailers and 18 tractors is old and in need of replacement. When the program started, used vehicles were purchased with the plan that one new vehicle would be added annually. This has not occurred due to funding and availability of trucks – there are shortages of trucks because of the inability to get parts. The truck shortage is forcing trucking companies to use their trucks longer, which negatively impacts maintenance, repairs, and which exacerbates the part shortage. An order placed today will not be fulfilled until 2024.

Typically, semi-trucks have a lifespan of three to five years – the majority of MATC’s fleet is over ten years old – the oldest being 16 years.

This purchase will be made under Sourcewell cooperative contract which meets all state of Wisconsin Procurement Requirements.

Positive action by the MATC District Board will result in a purchase from Lakeside International, LLC of Milwaukee, WI for a cost of \$183,524.00

Attachment 4 - e

Part II: CONSTRUCTION

Item 1: RENOVATION AND REMODELING

DMC Student Center Atrium Improvements

MATC Bid Reference #2022-002R – Project #2022212

Background Information

Previously, the Board approved lists of renovation and remodeling capital projects for budget years. The projects and funding plan were also approved as part of respective year budget approvals. The DMC Student Center Atrium Improvements project is mainly a change to the stair system. The new stairs will now run up/down in the center of the current open area. The square raised box in the center of the atrium will be removed and replaced with a flat floor grille. The project will include terrazzo flooring, acoustical ceilings, lighting, bulkheads, hand railings and painting.

The contract recommended for approval is for a single prime contract that pertains to the general construction for the previously mentioned areas.

Bid documents for the aforementioned work were prepared in accordance with Board policies and State regulations, and advertisements were placed in the Daily Reporter, the Milwaukee Courier and the Spanish Journal. The bids were opened on May 19, 2022 with the following results which include the Base Bid and Alternate 1.

REMODELING SPECIFIED AREAS & RELATED WORK (Comprehensive Single Prime)

- Selzer-Ornst..... **\$ 1,420,242.00***
- Gardner..... ..Rejected as Incomplete

Proposals were evaluated, and the low qualified bid, as indicated by the asterisk, has met specifications. There were no challenges to the bid document or the manner in which the successful bidder was selected.

Positive action by the board on this item will authorize the issuance of a contract in the amount shown to the firm indicated by the asterisk.

Part II: CONSTRUCTION
Item 2: RENOVATION AND REMODELING
DMC S Building Generator Replacement
MATC Bid Reference #2022-006 – Project #2023301.01

Background Information

Previously, the Board approved lists of renovation and remodeling capital projects for budget years. The projects and funding plan were also approved as part of respective year budget approvals. This project deals with the replacement of the existing S Building generator which is not operational at this time. The project includes power to a new fire pump in Foundation Hall. Emergency power for life safety systems in FH and S buildings; backup power for a new command center in FH; plus backup power for future connections to various small HVAC loads designed to keep from freezing in the winter.

The contract recommended for approval below is for a single prime contract that pertains to the general construction for the previously mentioned areas.

Bid documents for the aforementioned work were prepared in accordance with Board policies and State regulations, and advertisements were placed in the Daily Reporter, the Milwaukee Courier and the Spanish Journal. The bids were opened on May 12, 2022 with the following results which include the Base Bid and Alternates 1, 2, and 3.

REMODELING SPECIFIED AREAS & RELATED WORK (Comprehensive Single Prime)

- **Wil-Surge**\$ **1,171,988.00***
- Allcon\$ 1,476,768.00
- AJ Heinen\$ 1,617,880.00

Proposals were evaluated, and the low qualified bid, as indicated by the asterisk, has met specifications. There were no challenges to the bid document or the manner in which the successful bidder was selected.

Positive action by the board on this item will authorize the issuance of a contract in the amount shown to the firm indicated by the asterisk.

Part II: CONSTRUCTION
Item 3: RENOVATION AND REMODELING
DMC Foundation Hall Level 2 Improvements
MATC Bid Reference #2022-007 – Project #2021108

Background Information

Previously, the Board approved lists of renovation and remodeling capital projects for budget years. The projects and funding plan were also approved as part of respective year budget approvals. This project deals with the renovation of Foundation Hall Level 2. Foundation Hall level 2 will be remodeled and left as an open floor concept with a raised floor to match the floor differential between the S and C buildings. Air distribution will occur through the raised floor from a new air handling unit located adjacent to the existing elevator shaft. Additionally, a new MDF for the IT Department will be built and located on the 3rd floor.

The contract recommended for approval below is for a single prime contract that pertains to the general construction for the previously mentioned areas.

Bid documents for the aforementioned work were prepared in accordance with Board policies and State regulations, and advertisements were placed in the Daily Reporter, the Milwaukee Courier and the Spanish Journal. The bids were opened on May 3, 2022 with the following results which include the Base Bid.

REMODELING SPECIFIED AREAS & RELATED WORK (Comprehensive Single Prime)

- Selzer-Ornst..... \$ 1,569,206.00
- **Gardner Builders..... \$ 1,469,644.00***

Proposals were evaluated, and the low qualified bid, as indicated by the asterisk, has met specifications. There were no challenges to the bid document or the manner in which the successful bidder was selected.

Positive action by the board on this item will authorize the issuance of a contract in the amount shown to the firm indicated by the asterisk.

Attachment 5 - a

\$1,500,000.00

Milwaukee Area Technical College District, Wisconsin
General Obligation Promissory Notes, Series 2021-22L

**RESOLUTION AUTHORIZING THE SALE OF \$1,500,000.00
GENERAL OBLIGATION PROMISSORY NOTES, SERIES 2021-22L**
(Resolution F0227-05-22)

WHEREAS, pursuant to Section 67.12(12) of the Wisconsin Statutes, as amended (the "Act"), the Milwaukee Area Technical College District, Wisconsin (the "District"), is authorized to issue notes of the District in the aggregate amount of \$1,500,000.00 for the public purpose of financing building remodeling and improvement projects, consisting of projects included in the District's 2021-2022 building remodeling and improvement program (the public purpose projects described above are hereafter referred to as the "Public Purposes"); and

WHEREAS, on May 24, 2022, the District authorized the issuance of \$1,500,000.00 General Obligation Promissory Notes, Series 2021-22L (the "Notes") for the Public Purposes; and

WHEREAS, the District has prepared and distributed a Preliminary Official Statement, dated May 17, 2022 (the "Preliminary Official Statement"), describing the Notes and the security therefor; and

WHEREAS, the District has examined proposed documentation for the Notes (collectively, the "Note Documents"), as follows:

- (a) an Official Notice of Sale issued by the District and a Parity Bid Form (the "Note Purchase Agreement") to be entered into between the District and the Underwriter, providing for the sale of the Notes; and
- (b) the Preliminary Official Statement.

WHEREAS, it is now expedient and necessary for the District to issue its general obligation promissory notes in the amount of \$1,500,000.00 for the Public Purposes;

NOW, THEREFORE, the District hereby resolves as follows:

Section 1. Definitions. The following terms shall have the following meanings in this Resolution unless the text expressly or by implication requires otherwise:

"Act" shall mean Section 67.12(12) of the Wisconsin Statutes;

"Code" shall mean the Internal Revenue Code of 1986, as amended;

“Continuing Disclosure Agreement” shall mean the Continuing Disclosure Agreement, executed and delivered by the Issuer, dated June 15, 2022 (the “Continuing Disclosure Agreement”), delivered by the District for the purpose of complying with the requirements of Rule 15c2-12 promulgated by the Securities and Exchange Commission under the Securities Exchange Act of 1934, as amended;

“Dated Date” shall mean June 15, 2022;

“Debt Service Fund” shall mean the Debt Service Fund of the District, which shall be the “special redemption fund” as such term is defined in the Act;

“District” shall mean the Milwaukee Area Technical College District, Wisconsin;

“Fiscal Agent” shall mean the Treasurer of the District or such other entity as the District may approved to act as fiscal agent;

“Governing Body” shall mean the Board of the District, or such other body as may hereafter be the chief legislative body of the District;

“Initial Resolution” shall mean the “Resolution Authorizing the Issuance of \$1,500,000.00 General Obligation Promissory Notes, Series 2021-22L of Milwaukee Area Technical College District, Wisconsin”, adopted by the Governing Body on May 24, 2022;

“Note Registrar” means the Secretary of the District;

“Notes” shall mean the \$1,500,000.00 General Obligation Promissory Notes, Series 2021-22L, of the District;

“Public Purposes” shall mean the public purpose of financing \$1,500,000.00 of building remodeling and improvement projects, consisting of projects included in the District's 2021-2022 building remodeling and improvement program, and paying certain costs of issuance;

“Purchase Price” shall mean \$1,556,794.50 (\$1,500,000.00 par amount of Notes, plus premium of \$63,639.50, less underwriter's discount of \$6,825.00);

“Record Date” shall mean the close of business on the fifteenth day of the calendar month next preceding any principal or interest payment date;

“Securities Depository” means The Depository Trust Company, New York, New York, or its nominee; and

“Underwriter” means Fidelity Capital Markets, LLC.

Section 2. Authorization of the Notes. For the purpose of financing the Public Purposes, there shall be borrowed on the full faith and credit of the District the sum of \$1,500,000.00; and fully registered general obligation promissory notes of the District are authorized to be issued in evidence thereof.

Section 3. Sale of the Notes. To evidence such indebtedness, (i) the Chairperson or the Vice Chairperson and (ii) the Secretary of the District are hereby authorized, empowered and directed to make, execute, issue and sell to the Underwriter for, on behalf of and in the name of the District, general obligation promissory notes in the aggregate principal amount of One Million Five Hundred Thousand Dollars (\$1,500,000.00) for the Purchase Price, plus accrued interest to the date of delivery.

Section 4. Terms of the Notes. The Notes shall be designated "General Obligation Promissory Notes, Series 2021-22L"; shall be dated the Dated Date; shall be numbered one and upward; shall bear interest as shown on the Maturity Schedule below; shall be issued in denominations of \$5,000 or any integral multiple thereof; and shall mature on the dates and in the amounts as set forth below. Interest on the Notes shall accrue from the Interest Accrual Date and shall be payable semi-annually on June 1 and December 1 of each year, commencing on December 1, 2022.

MATURITY SCHEDULE

<u>Maturity Date</u>	<u>Principal Amount</u>	<u>Interest Rate</u>
June 1, 2023	\$350,000	4.00%
June 1, 2024	\$500,000	5.00%
June 1, 2025	\$500,000	4.00%
June 1, 2026	\$150,000	4.00%

The Notes of this issue shall not be subject to call and payment prior to maturity.

Section 5. Form, Execution, Registration and Payment of the Notes. The Notes shall be issued as registered obligations in substantially the form attached hereto as Exhibit A and incorporated herein by this reference.

The Notes shall be executed in the name of the District by the manual signatures of (i) the Chairperson or the Vice Chairperson and (ii) the Secretary or other officer, and may be sealed with its official or corporate seal, if any.

The principal of, premium, if any, and interest on the Notes shall be paid by the Fiscal Agent.

Both the principal of and interest on the Notes shall be payable in lawful money of the United States of America by the Fiscal Agent. Payment of principal of the final maturity on the Notes will be payable upon presentation and surrender of the Notes to the Fiscal Agent. Payment of principal on the Notes (except the final maturity) and each

installment of interest shall be made to the registered owner of each Note who shall appear on the registration books of the District, maintained by the Note Registrar, on the Record Date and shall be paid by check or draft of the Fiscal Agent and mailed to such registered owner at the address appearing on such registration books or at such other address may be furnished in writing to such registered owner to the Note Registrar.

Section 6. Note Proceeds. The sale proceeds of the Notes (exclusive of accrued interest, printing distribution and filing fees, and any premium received) shall, forthwith upon receipt, be placed in and kept by the District Treasurer as a separate fund to be known as the Promissory Notes, Series 2021-22L, Borrowed Money Fund (hereinafter referred to as the "Borrowed Money Fund"). Moneys in the Borrowed Money Fund shall be used solely for the purposes for which borrowed or for transfer to the Debt Service Fund as provided by law.

Section 7. Tax Levy. In order to provide for the collection of a direct annual tax sufficient in amount to pay and for the express purpose of paying the interest on the Notes as it falls due and also to pay and discharge the principal thereof at maturity, there is hereby levied upon all of the taxable property in the District, in addition to all other taxes, a nonrepealable, direct, annual tax in an amount sufficient for that purpose. This tax shall be from year to year carried into the tax roll of the District and collected in addition to all other taxes and in the same manner and at the same time. Said tax is to be for the following years and in the following minimum amounts:

<u>Year of Levy</u>	<u>Amount of Tax</u>
2021	\$29,972.22
2022	\$408,000.00
2023	\$538,500.00
2024	\$516,000.00
2025	\$153,000.00

The District shall be and continue without power to repeal such levy or obstruct the collection of said tax until all such payments have been made or provided for. After the issuance of the Notes, said tax shall be carried into the tax rolls of the District and collected as other taxes are collected, provided that the amount of tax carried into said tax rolls with respect to the Notes may be reduced by the amount of any surplus money in the Debt Service Fund created pursuant to Section 8 below.

If there shall be insufficient funds from the tax levy to pay the principal of or interest on the Notes when due, the said principal or interest shall be paid from other funds of the District on hand, said amounts to be returned when said taxes have been collected.

There be and there hereby is appropriated from taxes levied by the District in anticipation of the issuance of the Notes and other funds of the District on hand a sum sufficient to be deposited in the Debt Service Fund to meet payments with respect to debt service due for the year 2022.

Section 8. Debt Service Fund. Within the debt service fund previously established within the treasury of the District, there be and there hereby is established a separate and distinct fund designated as the “Debt Service Fund for \$1,500,000.00 General Obligation Promissory Notes, Series 2021-22L, dated June 15, 2022” (the “Debt Service Fund”), and such fund shall be maintained until the indebtedness evidenced by the Notes is fully paid or otherwise extinguished. The District Treasurer shall deposit in such Debt Service Fund (i) all accrued interest received by the District at the time of delivery of and payment for the Notes; (ii) the taxes herein levied for the specific purpose of meeting principal of and interest on the Notes when due; (iii) such other sums as may be necessary at any time to pay principal of and interest on the Notes when due; (iv) any premium which may be received by the District above the par value of the Notes and accrued interest thereon; (v) surplus moneys in the Borrowed Money Fund for the Notes; and (vi) such further deposits as may be required by Section 67.11 of the Wisconsin Statutes.

No money shall be withdrawn from the Debt Service Fund and appropriated for any purpose other than the payment of principal of and interest on the Notes until all such principal and interest has been paid in full and canceled; provided (i) the funds to provide for each payment of principal of and interest on the Notes prior to the scheduled receipt of taxes from the next succeeding tax collection may be invested in direct obligations of the United States of America maturing in time to make such payments when they are due or in other investments permitted by law; and (ii) any funds over and above the amount of such principal and interest payments on the Notes may be used to reduce the next succeeding tax levy, or may, at the option of the District, be invested by purchasing the Notes as permitted by and subject to Section 67.11(2)(a) of the Wisconsin Statutes in interest-bearing obligations of the United States of America, in other obligations of the District or in other investments permitted by law, which investments shall continue as a part of the Debt Service Fund.

When all of the Notes have been paid in full and canceled, and all permitted investments disposed of, any money remaining in the Debt Service Fund shall be deposited in the general fund of the District, unless the District Board directs otherwise.

Section 9. Deposits and Investments. The Debt Service Fund shall be kept apart from moneys in the other funds and accounts of the District and the same shall be used for no purpose other than the prompt payment of principal of and interest on the Notes as the same becomes due and payable. All moneys therein shall be deposited in special and segregated accounts in a public depository selected under Chapter 34 of the Wisconsin Statutes and may be temporarily invested until needed in legal investments subject to the provisions of Sections 66.0603(1m) and 67.10(3) of the Wisconsin Statutes. All income derived from such investments shall be regarded as revenues of the District. No such investment shall be in such a manner as would cause the Notes to be “arbitrage bonds” within the meaning of Section 148 of the Code or the Regulations of the Commissioner of Internal Revenue thereunder.

The District Treasurer shall, on the basis of the facts, estimates and circumstances in existence on the date of closing, make such certifications as are necessary to permit

the conclusion that the Notes are not “arbitrage bonds” under Section 148 of the Code or the Regulations of the Commissioner of Internal Revenue thereunder.

Section 10. Sale of Notes. The terms, conditions and provisions of the Notes and the Note Documents are, in all respects, authorized and approved. The form of the Note Purchase Agreement is hereby approved. The Notes shall be sold and delivered in the manner, at the Purchase Price, plus interest accrued from the Interest Accrual Date to the closing date, pursuant to the terms and conditions set forth in the Note Purchase Agreement.

The preparation of the Preliminary Official Statement and the Final Official Statement, and their use as contemplated in the Note Purchase Agreement, are hereby approved. The Preliminary Official Statement is “deemed final” as of its date, except for omissions or subsequent modifications permitted under Rule 15c2-12 of the Securities and Exchange Commission. The Chairperson, the Vice Chairperson and Secretary of the District are authorized and directed to do any and all acts necessary to conclude delivery of the Notes to the Underwriter, as soon after adoption of this Resolution as is convenient.

Section 11. Book-Entry Only Notes. The Notes shall be transferable as follows:

(a) Each maturity of Notes will be issued as a single Note in the name of the Securities Depository, or its nominee, which will act as depository for the Notes. During the term of the Notes, ownership and subsequent transfers of ownership will be reflected by book entry on the records of the Securities Depository and those financial institutions for whom the Securities Depository effects book entry transfers (collectively, the “Participants”). No person for whom a Participant has an interest in Notes (a “Beneficial Owner”) shall receive bond certificates representing their respective interest in the Notes except in the event that the Securities Depository or the District shall determine, at its option, to terminate the book-entry system described in this Section. Payment of principal of, and interest on, the Notes will be made by the Fiscal Agent to the Securities Depository which will in turn remit such payment of principal and interest to its Participants which will in turn remit such principal and interest to the Beneficial Owners of the Notes until and unless the Securities Depository or the District elect to terminate the book entry system, whereupon the District shall deliver bond certificates to the Beneficial Owners of the Notes or their nominees. Note certificates issued under this Section may not be transferred or exchanged except as provided in this Section.

(b) Upon the reduction of the principal amount of any maturity of Notes, the Registered Noteowner may make a notation of such redemption on the panel of the Note, stating the amount so redeemed, or may return the Note to the District for exchange for a new Note in a proper principal amount. Such notation, if made by the Noteowner, may be made for reference only, and may not be relied upon by any other person as being in any way determinative of the principal amount of such Note Outstanding, unless the Note Registrar initialed the notation on the panel.

(c) Immediately upon delivery of the Notes to the purchasers thereof on the delivery date, such purchasers shall deposit the bond certificates representing all of the Notes with the Securities Depository. The Securities Depository, or its nominee, will be the sole Noteowner of the Notes, and no investor or other party purchasing, selling or otherwise transferring ownership of any Notes will receive, hold or deliver any bond certificates as long as the Securities Depository holds the Notes immobilized from circulation.

(d) The Notes may not be transferred or exchanged except:

(1) To any successor of the Securities Depository (or its nominee) or any substitute depository ("Substitute Depository") designated pursuant to (ii) below, provided that any successor of the Securities Depository or any Substitute Depository must be a qualified and registered "clearing agency" as provided in Section 17L of the Securities Exchange Act of 1934, as amended;

(2) To a Substitute Depository designated by or acceptable to the District upon (a) the determination by the Securities Depository that the Notes shall no longer be eligible for depository services or (b) a determination by the District that the Securities Depository is no longer able to carry out its functions, provided that any such Substitute Depository must be qualified to act as such, as provided in subparagraph (1) above; or

(3) To those persons to whom transfer is requested in written transfer instructions in the event that:

(i) The Securities Depository shall resign or discontinue its services for the Notes and, only if the District is unable to locate a qualified successor within two months following the resignation or determination of noneligibility, or

(ii) Upon a determination by the District that the continuation of the book entry system described herein, which precludes the issuance of certificates to any Noteowner other than the Securities Depository (or its nominee) is no longer in the best interest of the Beneficial Owners of the Notes.

(e) The Depository Trust Company, New York, New York, is hereby appointed the Securities Depository for the Notes.

Section 12. Undertaking to Provide Continuing Disclosure. The (i) Chairperson or the Vice Chairperson and (ii) Secretary of the District are hereby authorized and directed to execute on behalf of the District, the Continuing Disclosure Agreement in connection with the Notes for the purpose of complying with the requirements of Rule 15c2-12 promulgated by the Securities and Exchange Commission under the Securities Exchange Act of 1934, as amended.

Section 13. Compliance with Federal Tax Laws.

(a) The District represents and covenants that the project financed by the Notes and their ownership, management and use will not cause the Notes to be “private activity bonds” within the meaning of Section 141 of the Code, and the District shall comply with the provisions of the Code to the extent necessary to maintain the tax-exempt status of the interest on the Notes.

(b) The District also covenants to use its best efforts to meet the requirements and restrictions of any different or additional federal legislation which may be made applicable to the Notes, provided that in meeting such requirements the District will do so only to the extent consistent with the proceedings authorizing the Notes and the laws of Wisconsin, and to the extent there is a reasonable period of time in which to comply.

Section 14. Rebate Fund. If necessary, the District shall establish and maintain, so long as the Notes are outstanding, a separate account to be known as the “Rebate Fund” for the purpose of complying with the rebate requirements of Section 148(f) of the Code. The Rebate Fund is for the sole purpose of paying rebate to the United States of America, if any, on amounts of bond proceeds held by the District. The District hereby covenants and agrees that it shall pay from the Rebate Fund the rebate amounts as determined herein to the United States of America.

The District may engage the services of accountants, attorneys, or other consultants necessary to assist it in determining rebate amounts. Amounts held in the Rebate Fund and the investment income therefrom are not pledged as security for the Notes and may only be used to pay amounts to the United States. The District shall maintain or cause to be maintained records of such determinations until six (6) years after payment in full of the Notes and shall make such records available upon reasonable request therefor.

Section 15. Defeasance. When all Notes have been discharged, all pledges, covenants and other rights granted to the owners thereof by this Resolution shall cease. The District may discharge all Notes due on any date by irrevocably depositing in escrow with a suitable bank or trust company a sum of cash and/or bonds or securities issued or guaranteed as to principal and interest of the U.S. Government, or of a commission, board or other instrumentality of the U.S. Government (“Government Obligations”), or of securities wholly and irrevocably secured as to principal and interest by Government Obligations and rated in the highest rating category of a nationally recognized rating service, maturing on the dates and bearing interest at the rates required to provide funds sufficient to pay when due the interest to accrue on each of said Note to its maturity or, at the District's option, if said Note is prepayable to any prior date upon which it may be called for redemption, and to pay and redeem the principal amount of each such Note at maturity, or at the District's option, if said Note is prepayable, at its earliest redemption date, with the premium required for such redemption, if any, provided that notice of the redemption of all prepayable Notes on such date has been duly given or provided for.

Section 16. Resolution a Contract. The provisions of this Resolution shall constitute a contract between the District and the owner or owners of the Notes, and after issuance of any of the Notes no change or alteration of any kind in the provisions of this Resolution may be made, except as provided in Section 18, until all of the Notes have been paid in full as to both principal and interest. The owner or owners of any of the Notes shall have the right in addition to all other rights, by mandamus or other suit or action in any court of competent jurisdiction, to enforce such owner's or owners' rights against the District, the Governing Body thereof, and any and all officers and agents thereof including, but without limitation, the right to require the District, its Governing Body and any other authorized body, to fix and collect rates and charges fully adequate to carry out all of the provisions and agreements contained in this Resolution.

Section 17. General Authorizations. The Chairperson, the Vice Chairperson and the Secretary of the District and the appropriate deputies and officials of the District in accordance with their assigned responsibilities are hereby each authorized to execute, deliver, publish, file and record such other documents, instruments, notices and records and to take such other actions as shall be necessary or desirable to accomplish the purposes of this Resolution and to comply with and perform the obligations of the District under the Notes. The execution or written approval of any document by the Chairperson, the Vice Chairperson or Secretary of the District herein authorized shall be conclusive evidence of the approval by the District of such document in accordance with the terms hereof.

In the event that said officers shall be unable by reason of death, disability, absence or vacancy of office to perform in timely fashion any of the duties specified herein (such as the execution of Notes), such duties shall be performed by the officer or official succeeding to such duties in accordance with law and the rules of the District.

Any actions taken by the Chairperson, the Vice Chairperson and Secretary consistent with this Resolution are hereby ratified and confirmed.

Section 18. Amendment to Resolution. After the issuance of any of the Notes, no change or alteration of any kind in the provisions of this Resolution may be made until all of the Notes have been paid in full as to both principal and interest, or discharged as herein provided, except: (a) the District may, from time to time, amend this Resolution without the consent of any of the owners of the Notes, but only to cure any ambiguity, administrative conflict, formal defect, or omission or procedural inconsistency of this Resolution; and (b) this Resolution may be amended, in any respect, with a written consent of the owners of not less than two-thirds (2/3) of the principal amount of the Notes then outstanding; provided, however, that no amendment shall permit any change in the pledge of tax revenues of the District or the maturity of any Note issued hereunder, or a reduction in the rate of interest on any Note, or in the amount of the principal obligation thereof, or in the amount of the redemption premium payable in the case of redemption thereof, or change the terms upon which the Notes may be redeemed or

make any other modification in the terms of the payment of such principal or interest without the written consent of the owner of each such Note to which the change is applicable.

Section 19. Illegal or Invalid Provisions. In case any one or more of the provisions of this Resolution or any of the Notes shall for any reason be held to be illegal or invalid, such illegality or invalidity shall not affect any other provision of this Resolution or of the Notes.

Section 20. Conflicting Resolutions. All ordinances, resolutions, or orders, or parts thereof heretofore enacted, adopted or entered, in conflict with the provisions of this Resolution, are hereby repealed and this Resolution shall be in effect from and after its passage.

[SIGNATURE PAGE TO FOLLOW]

Adopted: May 24, 2022.

Lisa Olson
Chairperson of the District

Attest:

Citlali Mendieta Ramos
Secretary of the District

Recorded on May 24, 2022.

Citlali Mendieta Ramos
Secretary of the District

EXHIBIT A

UNITED STATES OF AMERICA
STATE OF WISCONSIN
MILWAUKEE AREA TECHNICAL COLLEGE DISTRICT
GENERAL OBLIGATION PROMISSORY NOTE, SERIES 2021-22L

<u>Number</u>	<u>Interest Rate</u>	<u>Maturity Date</u>	<u>Dated Date</u>	<u>Principal Amount</u>	<u>CUSIP</u>
R-___	___%	June 1, 20__	_____	\$_____	602369__

FOR VALUE RECEIVED, Milwaukee Area Technical College District, Wisconsin, promises to pay to CEDE & CO., or registered assigns, the principal sum of _____ (\$_____) on the maturity date specified above, together with interest thereon from _____ or the most recent payment date to which interest has been paid, unless the date of registration of this Note is after the 15th day of the calendar month immediately preceding an interest payment date, in which case interest will be paid from such interest payment date, at the rate per annum specified above, such interest being payable on June 1 and December 1 of each year, with the first interest on this issue being payable on _____.

The Notes of this issue shall not be subject to call and payment prior to maturity.

Both principal hereof and interest hereon are hereby made payable to the registered owner in lawful money of the United States of America, and for the prompt payment of this Note with interest thereon as aforesaid, and the levying and collection of taxes sufficient for that purpose, the full faith, credit and resources of the District are hereby irrevocably pledged. The principal of this Note shall be payable only upon presentation and surrender of this Note to the District Treasurer at the principal office of the District. Interest hereon shall be payable by check or draft dated as of the applicable interest payment date and mailed from the office of the District Treasurer to the person in whose name this Note is registered at the close of business on the fifteenth day of the calendar month next preceding each interest payment date.

This Note is transferable only upon the books of the District kept for that purpose by the District Secretary at the principal office of the District, by the registered owner in person or his duly authorized attorney, upon surrender of this Note together with a written instrument of transfer (which may be endorsed hereon) satisfactory to the District Secretary duly executed by the registered owner or his duly authorized attorney. Thereupon a new Note or Notes of the same aggregate principal amount, series and maturity shall be issued to the transferee in exchange therefor. The District may deem and treat the person in whose name this Note is registered as the absolute owner hereof

for the purpose of receiving payment of or on account of the principal or interest hereof and for all other purposes. The Notes are issuable solely as negotiable, fully registered Notes without coupons in authorized denominations of \$5,000 or any whole multiple thereof.

This Note is one of an issue aggregating \$1,500,000.00 issued pursuant to the provisions of Section 67.12(12) of the Wisconsin Statutes, for the public purpose of financing \$1,500,000.00 building remodeling and improvement projects, consisting of projects included in the District's 2021-2022 building remodeling and improvement program (the public purpose projects described above are hereafter referred to as the "Public Purposes") and is authorized by a resolution of the District Board of the District, duly adopted by said District Board at its meeting duly convened on _____, which resolution is recorded in the official book of its minutes for said date.

It is hereby certified and recited that all conditions, things and acts required by law to exist or to be done prior to and in connection with the issuance of this Note have been done, have existed and have been performed in due form and time; that the aggregate indebtedness of the District, including this Note and others authorized simultaneously herewith, does not exceed any limitations imposed by law or the Constitution of the State of Wisconsin; and that the District has levied a direct, annual irrevocable tax sufficient to pay this Note, together with interest thereon when and as payable.

No delay or omission on the part of the owner hereof to exercise any right hereunder shall impair such right or be considered as a waiver thereof or as a waiver of or acquiescence in any default hereunder.

IN WITNESS WHEREOF, the District Board of Milwaukee Area Technical College District, Wisconsin, has caused this Note to be signed on behalf of said District by its duly qualified and acting Chairperson and Secretary, and its corporate seal to be impressed hereon, all as of the date of original issue specified above.

MILWAUKEE AREA TECHNICAL
COLLEGE DISTRICT, WISCONSIN

By: _____

Chairperson of the District

Attest: _____

Secretary of the District

(Form of Assignment)

FOR VALUE RECEIVED the undersigned hereby sells, assigns and transfers unto

(Please print or typewrite name and address,
including zip code, of Assignee)

(Please print or typewrite Social Security or
other identifying number of Assignee)

the within Note and all rights thereunder, hereby irrevocably constituting and appointing

(Please print or type name of Attorney)

Attorney to transfer said Note on the books kept for the registration thereof with full power of substitution in the premises.

Dated: _____

NOTICE: The signature to this assignment must correspond with the name as it appears upon the face of the within Note in every particular without alteration or enlargement or any change whatever.

Signature(s) guaranteed by:

Milwaukee Area Technical College District

Final Pricing Summary
May 24, 2022

John A. Mehan, Managing Director

jmehan@rwbaird.com
777 East Wisconsin Avenue
Milwaukee, WI 53202
Phone 414.765.3827
rwbaird.com/publicfinance

Milwaukee Area Technical College District

Results of Competitive Bids

\$1,500,000 General Obligation Promissory Notes, Series 2021-22L

Bids Received by 9:30 AM (CT)

Tuesday, May 24, 2022

Rank	Bidder	True Interest Cost
1	Fidelity Capital Markets	2.5498%
2	BNYMellon Capital Markets	2.5715%
3	Colliers Securities LLC	2.8109%
4	TD Securities	2.9162%

Milwaukee Area Technical College District

Issue Summary	
Description:	General Obligation Promissory Notes, Series 2021-22L
Amount:	\$1,500,000
Dated & Settlement Date:	June 15, 2022
Maturities:	June 1, 2023 - 2026
First Interest Payment:	December 1, 2022
First Call Date:	Non-callable
Moody's Rating:	Aa1
True Interest Cost:	2.5498%
Winning Bidder/Purchaser:	Fidelity Capital Markets



Milwaukee Area Technical College District

2021-22 Financing Plan -- Calendar Year Basis

CALENDAR YEAR	EXISTING DEBT PAYMENTS incl. 2021 OPEB	EQUIPMENT & REMODELING BORROWINGS												FUTURE DEBT PAYMENTS (a)	Actual 2021 Revenues: \$43,000,000	
		FINAL	FINAL	FINAL	FINAL	FINAL	FINAL	FINAL	FINAL	FINAL	FINAL	FINAL	FINAL		Actual 2022 Revenues: \$43,724,336	
		\$1,500,000 SERIES	\$1,500,000 SERIES	\$2,500,000 SERIES	\$1,500,000 SERIES	\$1,500,000 SERIES	\$1,500,000 SERIES	\$1,500,000 SERIES	\$1,500,000 SERIES	\$1,500,000 SERIES	\$1,500,000 SERIES	\$1,500,000 SERIES	\$1,500,000 SERIES		COMBINED DEBT PAYMENTS	(b)
		2021-22A	2021-22B	2021-22C	2021-22D	2021-22E	2021-22F	2021-22G	2021-22H	2021-22I	2021-22J	2021-22K	2021-22L			
Dated 7/15/21	Dated 8/5/21	Dated 9/15/21	Dated 10/14/21	Dated 11/15/21	Dated 12/15/21	Dated 1/6/22	Dated 2/10/22	Dated 3/15/22	Dated 4/14/22	Dated 5/12/22	Dated 6/15/22					
		Noncallable	Noncallable	Noncallable	Noncallable	Noncallable	Noncallable	Noncallable	Noncallable	Noncallable	Noncallable	Noncallable				
		Average: 1.93%	Average: 1.75%	Average: 2.00%	Average: 1.96%	Average: 2.06%	Average: 2.17%	Average: 2.00%	Average: 2.58%	Average: 3.00%	Average: 3.66%	Average: 4.29%	Average: 4.29%			
2021	\$35,291,464	\$10,294	\$8,015	\$7,580,000										\$0	\$42,889,773	
2022	\$31,472,250	\$27,250	\$24,875	\$4,740,450	\$28,405	\$30,158	\$25,445	\$27,083	\$32,333	\$32,000	\$35,469	\$35,931	\$29,972	\$7,022,667	\$43,564,289	
2023	\$23,804,550	\$374,625	\$372,688	\$2,660,850	\$374,250	\$376,688	\$375,863	\$376,500	\$384,750	\$389,750	\$397,500	\$408,000	\$408,000	\$12,193,567	\$42,897,579	
2024	\$14,668,850	\$518,250	\$516,750	\$2,715,300	\$520,875	\$519,500	\$524,125	\$518,000	\$522,000	\$527,000	\$531,250	\$538,500	\$538,500	\$19,772,267	\$42,931,167	
2025	\$5,730,300	\$509,500	\$508,000	\$2,767,650	\$510,875	\$509,500	\$513,000	\$508,000	\$509,500	\$512,000	\$515,625	\$516,000	\$516,000	\$28,944,667	\$43,070,617	
2026	\$652,463	\$152,250	\$151,500	\$2,817,900	\$151,688	\$152,250	\$151,500	\$151,500	\$152,250	\$152,250	\$153,750	\$153,000	\$153,000	\$37,875,867	\$43,021,167	
2027	\$656,363													\$42,455,667	\$43,112,029	
2028	\$670,113													\$42,455,667	\$43,125,779	
2029	\$668,578													\$42,455,667	\$43,124,244	
2030	\$676,451													\$42,455,667	\$43,132,118	
2031	\$688,466													\$42,455,667	\$43,144,133	
2032	\$689,624													\$42,455,667	\$43,145,290	
2033														\$42,455,667	\$42,455,667	
2034														\$42,455,667	\$42,455,667	
	\$115,669,470	\$1,592,169	\$1,581,828	\$23,282,150	\$1,586,093	\$1,588,096	\$1,589,933	\$1,581,083	\$1,600,833	\$1,613,000	\$1,633,594	\$1,651,431	\$1,645,472	\$445,454,367	\$602,069,518	

(a) Future borrowing assumptions:

Equipment Borrowing of \$21,000,000 per year.

Remodeling Borrowings of \$18,000,000 per year.

(b) Revenues available for debt service include Levy, Enterprise Fund, and Computer Aid.

Note: This information is provided for information purposes only. It does not recommend any future issuances and is not intended to be, and should not be regarded as, advice.

Rating Action: Moody's assigns Aa1 to MATC, WI GO notes; outlook stable

16 May 2022

New York, May 16, 2022 -- Moody's Investors Service assigns a Aa1 rating to Milwaukee Area Technical College District, WI's (MATC) \$1.5 million General Obligation Promissory Notes, Series 2021-22L. Moody's maintains a Aa1 rating on the district's outstanding general obligation unlimited tax (GOULT) debt. Following the sale, the district will have about \$109 million of GOULT debt outstanding. The outlook is stable.

RATINGS RATIONALE

The Aa1 rating reflects the district's strong financial position bolstered by recent operating surpluses which, coupled with proactive management, will provide a buffer against continued enrollment declines and other impacts stemming from the ongoing coronavirus pandemic. The rating further incorporates the district's large and diverse tax base that includes the City of Milwaukee (A2 negative) and surrounding communities in Milwaukee County (Aa2 stable) and Ozaukee County (Aaa stable), modest resident income and wealth, limited revenue raising flexibility, a modest debt burden and moderate pension burden.

RATING OUTLOOK

The stable outlook reflects our expectation that the district will maintain financial operations in line with the current rating through prudent management of expenditures, which is critical given the district's limited revenue raising flexibility and trend of declining enrollment.

FACTORS THAT COULD LEAD TO AN UPGRADE OF THE RATING

- Strengthening of the tax base and resident income metrics
- Enhanced budgetary flexibility that could arise from growing enrollment or relaxed statutory restrictions on raising local revenue

FACTORS THAT COULD LEAD TO A DOWNGRADE OF THE RATING

- Substantial weakening of the tax base or resident income levels
- Narrowed financial reserves
- Increased leverage

LEGAL SECURITY

The district's general obligation unlimited tax (GOULT) debt is supported by a designated property tax not limited by rate or amount.

USE OF PROCEEDS

Proceeds will finance various building remodeling and improvement projects.

PROFILE

Milwaukee Area Technical College District is one of the largest technical college systems in Wisconsin (Aa1 stable), providing vocational education to residents of Milwaukee County, the majority of Ozaukee County, and small portions of Washington (Aaa) and Waukesha (Aaa stable) counties.

METHODOLOGY

The principal methodology used in this rating was US Local Government General Obligation Debt published in January 2021 and available at https://www.moody.com/research/US-Local-Government-General-Obligation-Debt--PBM_1260094. Alternatively, please see the Rating Methodologies page on www.moody.com for a

copy of this methodology.

REGULATORY DISCLOSURES

For further specification of Moody's key rating assumptions and sensitivity analysis, see the sections Methodology Assumptions and Sensitivity to Assumptions in the disclosure form. Moody's Rating Symbols and Definitions can be found at: https://www.moody's.com/researchdocumentcontentpage.aspx?docid=PBC_79004.

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MOODY'S
INVESTORS SERVICE

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MJKK and MSFJ also maintain policies and procedures to address Japanese regulatory requirements.

Attachment 5 - b

**RESOLUTION AUTHORIZING THE ISSUANCE OF \$1,500,000.00
GENERAL OBLIGATION PROMISSORY NOTES, SERIES 2022-23A
OF MILWAUKEE AREA TECHNICAL COLLEGE DISTRICT, WISCONSIN
(Resolution F0228-05-22)**

WHEREAS, Milwaukee Area Technical College District (the "District") is presently in need of \$1,500,000.00 for the public purposes of financing building remodeling and improvement projects, consisting of projects included in the District's 2022-2023 building remodeling and improvement program that are anticipated to occur in 2022-2023; and

WHEREAS, it is in the best interest of the District that the monies needed for such purpose be borrowed through the issuance of general obligation promissory notes pursuant to Section 67.12(12), Wis. Stats.; now therefore be it

RESOLVED, that the District shall issue general obligation promissory notes in the amount of \$1,500,000.00 for the public purposes of financing building remodeling and improvement projects, consisting of projects included in the District's 2022-2023 building remodeling and improvement program that are anticipated to occur in 2022-2023; and be it

FURTHER RESOLVED, that the District Secretary shall, within 10 (ten) days hereafter, cause public notice of the adoption of this resolution to be given to the electors of the District by publishing a notice thereof in the Milwaukee Journal Sentinel, a newspaper published and having general circulation in the District, which newspaper is found and determined to be likely to give notice to the electors, such notice to be in substantially the form set forth in Attachment A to this resolution.

Adopted: May 24, 2022.

Lisa Olson, Chairperson

Attest:

Citlali Mendieta Ramos, District Secretary

Recorded on May 24, 2022.

Citlali Mendieta Ramos, District Secretary

Attachment A

NOTICE

TO THE ELECTORS OF:

Milwaukee Area Technical
College District, Wisconsin

NOTICE IS HEREBY GIVEN that the District Board of the above-named District, at a meeting duly called and held on May 24, 2022, adopted, pursuant to the provisions of Section 67.12(12) of the Wisconsin Statutes, a resolution entitled, "RESOLUTION AUTHORIZING THE ISSUANCE OF \$1,500,000.00 GENERAL OBLIGATION PROMISSORY NOTES, SERIES 2022-23A, OF MILWAUKEE AREA TECHNICAL COLLEGE DISTRICT, WISCONSIN," which provides that the sum of \$1,500,000.00 be borrowed through the issuance of the District's general obligation promissory notes for the public purposes of financing building remodeling and improvement projects, consisting of projects included in the District's 2022-2023 building remodeling and improvement program that are anticipated to occur in 2022-2023.

A copy of said resolution is on file in the District Office, 700 West State Street, Milwaukee, Wisconsin, and is available for public inspection weekdays, except holidays, between the hours of 8:00 A.M. and 4:00 P.M.

The District Board need not submit the resolution authorizing this borrowing to the electors for approval unless within 30 days after the publication of this Notice there is filed with the Secretary of the District Board a petition meeting the standards set forth in Sec. 67.12(12), Wis. Stats., requesting a referendum thereon at a special election.

Dated: May 24, 2022.

BY ORDER OF THE DISTRICT BOARD:

District Secretary

Attachment 5-c

Milwaukee Area Technical College District

Class I Legal Notice

NOTICE OF PUBLIC HEARING

For The Budget Year Ended June 30, 2023

A public hearing on the proposed 2022-23 budget for the Milwaukee Area Technical College District will be held on June 21, 2022 at 4:00 p.m. via Zoom Meeting.

You can join by going to Zoom.us, clicking on 'join the meeting' entering the following ID Meeting ID: 848 6969 7781 or dial +1 312 626 6799: (the link: <https://us02web.zoom.us/j/84869697781>)

The detailed budget will be made available for public inspection at the district budget office, 700 West State Street, Milwaukee, WI 53233. For more information contact,

Jeffrey J. Hollow, CPA, CMA, MBA, Vice-President, Finance, at (414) 297-6663 (via e-mail at hollowj4@matc.edu).

PROPERTY TAX AND EXPENDITURE HISTORY

Year	Equalized	Mill Rates		Total	Percent
	Valuation	Operational	Debt Service	Mill Rate	Inc./Dec.
2018	72,879,221,796	0.66053	0.59688	1.25741	-0.19%
2019	75,676,549,719	0.65076	0.57481	1.22557	-2.53%
2020	79,415,980,799	0.64175	0.54145	1.18321	-3.46%
2021	83,111,403,922	0.63320	0.51738	1.15058	-2.76%
2022	90,311,455,530	0.54894	0.46047	1.00940 ⁽¹⁾	-12.27%
2023	92,208,280,038	0.54849	0.46091	1.00940 ⁽²⁾	0.00%

Year	Total	Percent	Tax	Percent	Tax on
	Expenditures				
2018	371,993,088	-0.04%	91,639,040	1.65%	125.74
2019	367,771,589	-1.13%	92,746,924	1.21%	122.56
2020	368,970,859	0.33%	93,965,582	1.31%	118.32
2021	369,114,162	0.04%	95,626,532	1.77%	115.06
2022	380,279,650	3.02%	91,160,828	-4.67%	100.94
2023	373,687,195	-1.73%	93,075,492	2.10%	100.94

BUDGET/FUND BALANCE SUMMARY - ALL FUNDS

	General	Special	Special	Capital	Debt	Enterprise	Internal	Total
	Fund	Revenue Fund - Operational	Revenue Fund - Non-Aidable	Projects Fund	Service Fund	Fund	Service Fund	
Local Government	\$ 50,575,492	\$ -	\$ -	\$ -	\$ 38,472,034	\$ 4,027,966	\$ -	\$ 93,075,492
Other Budgeted Revenues	122,110,838	16,813,070	32,370,239	950,000	1,714,000	22,655,650	35,830,560	232,444,357
Total Budget Revenues	172,686,330	16,813,070	32,370,239	950,000	40,186,034	26,683,616	35,830,560	325,519,849
Budgeted Expenditures	172,686,330	16,813,070	33,343,813	43,500,941	40,100,000	31,412,481	35,830,560	373,687,195
Excess of Rev. over Exp.	-	-	(973,574)	(42,550,941)	86,034	(4,728,865)	-	(48,167,346)
Proceeds from Debt	-	-	-	35,483,000	-	3,517,000	-	39,000,000
Other Grants	-	-	-	-	-	-	-	-
Other Sources(Uses)	-	-	-	-	-	-	-	-
Est. Fund Balance 07/01/22	\$ 40,331,810	\$ 508,937	\$ 3,139,661	\$ 7,434,413	\$ 23,242,534	\$ 15,089,603	\$ 5,572,445	\$ 95,319,403
Est. Fund Balance 06/30/23	\$ 40,331,810	\$ 508,937	\$ 2,166,087	\$ 366,472	\$ 23,328,568	\$ 13,877,738	\$ 5,572,445	\$ 86,152,057

⁽¹⁾ Years 2018 through 2022 represent actual amounts on a budgetary basis, 2023 is estimated based on current financial projections.

⁽²⁾ Tax Levy is proposed; equalized value is projected, with final value to be determined in fall of 2022

(Continued)

Milwaukee Area Technical College District
 Class I Legal Notice of Public Hearing
BUDGET SUMMARY
 For The Budget Year Ended June 30, 2023
 (Continued)

GENERAL FUND					
REVENUES	2020-21	2020-21	2021-22	2022-23	
	Actual ⁽³⁾	Budget	Estimated	Budget	
Local Government	\$ 52,579,075	\$ 49,534,492	\$ 49,879,473	\$ 50,575,492	
State Aids	17,197,476	17,086,644	16,927,555	16,718,519	
State - Act 145 Funding	60,415,804	64,731,219	64,731,219	64,731,219	
Program Fees	33,227,998	36,804,900	31,478,747	34,066,000	
Material Fees	1,188,034	1,313,300	1,207,606	1,307,000	
Other Student Fees	2,831,152	1,259,500	1,368,875	1,330,400	
Institutional	2,572,667	2,539,955	2,690,594	2,847,700	
Federal	-	4,091,000	6,163,543	1,110,000	
Total Revenue	170,012,206	177,361,010	174,447,611	172,686,330	
EXPENDITURES:					
Instruction	103,352,782	110,453,639	106,509,746	108,163,385	
Instructional Resources	4,354,528	5,055,334	4,487,539	5,345,700	
Student Services	17,561,462	23,569,482	18,097,886	23,133,483	
General Institutional	25,284,926	20,692,448	26,057,267	22,125,655	
Physical Plant	18,723,261	19,401,084	19,295,173	19,918,107	
Planned Cost Savings		(1,810,977)		(6,000,000)	
Total Expenditures	169,276,959	177,361,010	174,447,611	172,686,330	
Net Revenue (Expenditures)	735,247	-	-	-	
OTHER SOURCES (USES)					
Operating Transfer In (Out)	-	-	-	-	
Total Resources (Uses)	735,247	-	-	-	
TRANSFERS TO (FROM) FUND BALANCE:					
Designated for Operations	735,247	-	-	-	
Total Transfers to (From) Fund Balance	735,247	-	-	-	
Beginning Fund Balance	\$ 39,596,563	\$ 40,331,810	\$ 40,331,810	\$ 40,331,810	
Ending Fund Balance	\$ 40,331,810	\$ 40,331,810	\$ 40,331,810	\$ 40,331,810	
Reserve % of Revenue	23.72%	22.74%	23.12%	23.36%	% Change from 2021-22 Estimated to 2022-23
ALL FUNDS					
REVENUES BY FUND:					
General Fund	\$ 170,012,206	\$ 177,361,010	\$ 174,447,611	\$ 172,686,330	-1.01%
Special Revenue Fund - Operational	7,735,275	19,571,934	14,739,253	16,813,070	14.07%
Special Revenue Fund - Non-Aidable	40,024,121	48,970,287	47,801,990	32,370,239	-32.28%
Capital Projects Fund	1,443,142	5,586,063	5,586,063	950,000	-82.99%
Debt Service Fund	39,494,856	39,639,000	39,548,262	40,186,034	1.61%
Enterprise Fund	25,064,854	27,883,541	26,086,027	26,683,616	2.29%
Internal Service Fund	33,097,687	33,500,000	33,500,000	35,830,560	6.96%
Total Revenues by Fund	316,872,141	352,511,835	341,709,207	325,519,849	-4.74%
EXPENDITURES BY FUND:					
General Fund	\$ 169,276,959	\$ 177,361,010	\$ 174,447,611	\$ 172,686,330	-1.01%
Special Revenue Fund - Operational	7,734,747	19,571,934	14,739,253	16,813,070	14.07%
Special Revenue Fund - Non-Aidable	40,594,144	48,970,287	48,052,529	33,343,813	-30.61%
Capital Projects Fund	36,255,982	50,514,471	44,946,530	43,500,941	-3.22%
Debt Service Fund	38,786,033	38,638,913	40,416,088	40,100,000	-0.78%
Enterprise Fund	25,804,704	31,465,891	29,661,087	31,412,481	5.90%
Internal Service Fund	33,097,687	33,500,000	33,500,000	35,830,560	6.96%
Total Expenditures by Fund	351,550,256	400,022,506	385,763,098	373,687,195	-3.13%

(3) Actual is on a budgetary basis.

ATTACHMENT 5 - d

Resolution (F0229-05-22) to Approve Apprenticeship Program Titled Medical Laboratory Technician (50-513-X)

Background Information:

The program is the culmination of over 3 years of work with MATC and Wisconsin Diagnostic Laboratories to try and develop an alternate pathway to increase the pool of Medical Laboratory Professionals. Mike Barron, director of WDL Laboratories, approached Brad Church initially to try and develop the program. MATC is also in discussions with Advocate Aurora to create a similar model for them. There is a severe shortage of MLT and MLS professionals and new ways of getting employees is of interest to all health care systems. A pilot is ongoing with WDL and MATC and we will evaluate the results and bring the model forward to other health care systems.

The apprenticeship program is designed as an alternate pathway for entry into the medical laboratory field that is facing critical staffing shortages both locally and nationally. It is designed to allow students with a bachelor's degree in the sciences (biology, chemistry, etc.) to receive on the job training at a hospital while receiving theory training at MATC to allow them to sit for a certification exam after the end of 1 to 1.5 years. The program has three main benefits: 1) Create a new pool of potential employees for health care systems in an area of critical need. 2) Allows students who have completed a bachelor's degree a chance to get paid training in the medical field. 3) Increases enrollment of students at MATC.

Apprentices can earn an average rate of \$17.00 per hour while in the program.

Resolution

BE IT RESOLVED that the District Board of the Milwaukee Area Technical College submit a request to the Wisconsin Technical College System for consideration and approval of the of the **Medical Laboratory Technician Apprenticeship (50-513-X)** program.

05/13/2022

APPRENTICE RELATED INSTRUCTION

The development process for apprentice related instruction programs is different than that of the Associate Degree, Applied Associate Degree and Technical Diplomas. Apprentices are employed workers and WTCS apprentice (paid) related instruction (PRI) is offered in cooperation with the Department of Workforce Development Bureau of Apprenticeship Standards (DWD-BAS) and the United States Department of Labor Office of Apprenticeship (USDOL-OA).

New Apprentice Programs not previously offered in the WTCS: Significant program capacity-building activity led by DWD-BAS must take place prior to formal submission of a WTCS district request for approval to deliver the related technical instruction portion of the program. Preliminary steps include the development by DWD-BAS of work process standards and the minimum number hours of (paid) related instruction (PRI) and extensive curriculum development may be required. Questions and criteria that are normally addressed within the WTCS' concept review procedures are addressed through the Interagency New Apprentice Program Need Assessment (TC-APP-NEW), while curriculum and instructional delivery are documented on the Apprentice Related Instruction Action Form (TC-APP-PRI). Local and WTCS State Board approval are required at the Concept Review stage. Actual program implementation is activated upon approval of the Apprentice Program Implementation form (TC-APP-IMP) in conjunction with the registration of new apprentices with DWD-BAS.

Timetable	Responsibility	Action
As industry need for apprentice related instruction arises	DWD-BAS, Apprenticeship Education Director, industry and district stakeholders	1. Collaborate on program development leading up to joint completion of the Interagency New Apprentice Program Needs Assessment (TC-APP-NEW) form.
After receiving a request for instruction for a new apprentice program from DWD-BAS	District	2a. Schedule and prepare materials for local Board review and approval. 2b. Submit signed Interagency Apprentice Program Needs Assessment (TC-APP-NEW) form to the system office Apprenticeship Education Director.
Within 10 working days of receipt of district request	Apprenticeship Education Director	3. Forward written recommendation of approval or disapproval of the request to the Associate Vice President, Office of Instruction; or, if necessary, request additional information needed from the applicant district and/or DWD-BAS.
	District and/or DWD-BAS	4. Submit requested information to the Apprenticeship Education Director.

Timetable

Responsibility

Action

Associate Vice
President, Office of
Instruction

5. Review New Apprentice
Program Approval and
recommendation from
Apprenticeship Education
Director. Forward concept
review approval request to the
Associate Vice President of the
Office of Instruction, stating
agreement or disagreement
with the recommendation of the
Apprenticeship Education
Director's recommendation.

Provost and Vice
President of Student
Success

6. Disapprove or forward approval
recommendation (Concept
Review) to the next Wisconsin
Technical College System
Board (WTCSB) meeting.

As appropriate

WTCS Board

7. Approve/disapprove or take
other action on the
recommendation (Concept
Review).

Within seven (7) working
days of Board action

Provost and Vice
President of Student
Success

7a. Notify district president, by
letter of WTCSB action.

7b. Apprenticeship Education
Director notifies DWD-BAS

**PRIOR TO THE SEMESTER
IN WHICH INSTRUCTION IS
OFFERED:**

Following notice of WTCS
Board Approval of new
apprentice program
recommendation (Concept
Review) and once there are
sufficient apprenticeship
contracts to ensure a viable
program

District

8. Proceed to implement
approved program by
submitting forms TC-APP-PRI
and TC-APP-IMP. Identify
Occupational Experience for
instructor certification. Upon
WTCS office approval, the
district will be notified that it can
send its electronic course and
curriculum record submissions
to the system office.

**APPRENTICE PROGRAM IMPLEMENTATION
District Request (TC-APP-IMP)**

Wisconsin Technical College System

District Board approval is required to offer a program of Apprentice Related Instruction (PRI Aid Code 50). Submit this form for approval to implement PRI programs that are new to the state, the replication of previously approved programs and the reinstatement of suspended PRI programs.

District: Milwaukee Area Technical College_____ Proposed Implementation Date: 6-1-22_____

WTCS Apprentice Related Instruction Program Title: Medical Laboratory Technician_____

Program Number: 50-513-X

Type of approval requested:

Implementation of program new to the System

Replication of existing program at: _____

Reinstatement of suspended program

Estimated number of apprentices at implementation: 2

District minimum class size/contingencies: 6

Curriculum Documentation:

College curriculum aligns with approved WTCS curriculum standards model posted on the WTCS Apprenticeship Repository

Replicates currently approved curriculum at _____
Technical College

Proprietary curriculum owned by _____

For a program that is new to the system or differs from an approved curriculum model:

Please provide WIDs Program Design or the following documentation:

1. Program outcomes, courses, and course competencies
2. Course descriptions and curriculum configuration
3. Documentation of industry support: (i.e. advisory committee minutes, letters of support)
4. Documentation of DWD-BAS support e-mail from the bureau director or chief of field operations

Date approved by local WTCS Board: _____

District President or ISA Approval: _____ Date: 05/11/2022

Dr. Mohammad
Dakwar

Digitally signed by Dr.
Mohammad Dakwar
Date: 2022.05.11 18:01:47 -05'00'

Interagency New Apprentice Program Need Assessment:

TC-APP-NEW

DWD-BAS Title: Medical Laboratory

Proposed Related Instruction Program

Technologist

Title/Number: 10-513-1

DWD/BAS number: 08-078261038-00-T

CIP Code: 51.1004

O-NET/SOC Code/Title: 29-2012

Career Cluster and Pathway: Health

State Committee Jurisdiction: N / A

Sciences/Diagnostic Services

Proposed Start of Apprentice Registrations:

~~Proposed Start of Related Instruction: 6/1/22~~

6/1/2022

List Individuals attending Initial Assessment Meeting & Date of meeting:

DWD-BAS NEEDS DEMONSTRATION WORKSHEET	Initial Assessment (Y/N/TBD)	Comments	Date of Final Review (anticipated)
1. Who recognizes this as an apprenticeable occupation?	BAS		
2. Have DWD-BAS standards been approved for this trade?	Y		
3. Is this a unique single sponsor request, closed to others?	Y	Can be adopted by other sponsors	
4. Have program sponsors demonstrated sufficient labor market need for apprentices?	Y	Developed at sponsor request but statewide LMI is available	
5. Have program sponsors demonstrated commitment to long-term apprenticeship training?	Y		
6. Is there documented support from advisory committee/ industry champions? (minutes, letters of support)	Y	Working with ATR to register	
7. Are there formal links or articulation agreements with other programs or groups?	N		
8. Has program request raised objections from other stakeholders?	N		
9. Expected number of apprentices for this location	Start-up: 2	Annual starts: N/A	Ongoing capacity: N/A
10. Skilled wage rate: Apprentice entry % (or wage):	\$17/ HR		

11. Appropriate Advisory Committee (Name): None

12. DWD-BAS Departmental Approval: David D. R.
Provisional Approval Date: 4-18-2022 _____

Apprentice Related Instruction Action Form (PRI) TC-APP-PRI

Action: (circle one) New Expansion Consolidation Change in Delivery/Curriculum

WTCS PRI Program Number and Title: Medical Laboratory Technician _____

Number of Apprentices Affected: 0 _____

College Initiating Action: Milw Area Tech College

Other colleges affected: n / a _____

Advisory Committee: _____

Implementation date: 6 / 1 / 2 0 2 2

(new) school assigned as per BASIS (DWD): Milwaukee Area Technical College

Term of Apprenticeship/Hours Provided		Type of Apprenticeship:	
Years:	1	Time-based:	Yes
Hours:	2329	Competency-based:	
OJL:	2000	Hybrid:	
PRI:	329	License or Certification:	American Society of Clinical Pathology technologist in Chemistry or Hematology
URI:		Interim Credentials:	
Special Provisions:	Per contract:	Job Book:	

Part II. RELATED INSTRUCTION: PROVISIONS FOR DELIVERY AND APPROVED CURRICULUM (circle, highlight or fill in blanks as appropriate)

Who is responsible for providing Paid Related Instruction? MATC

Registration

Grade Reports

Transcript

Who is responsible for daily attendance records? M A T C

Location/site for PRI: MATC

Scheduling: weekly every other week block stacked/ slotted in shared class

5. Delivery mode: Classroom 100% online blended

6. Instructor(s) employed by: MATC

7. Is supplemental/unpaid related instruction (URI) included in approved curriculum? Provider / recordkeeper for URI: _____

8. Source of curriculum:
WTCS Aligned WTCS Non-aligned Proprietary Instructor Generated

9. Does a course outline of subjects covered each year exist? Yes

10. Please list any contingencies affecting this program: (enrollment, access, contractual arrangements) N / A

Reviewed by DWD-BAS Administrative Office Representative: David D. P.

Date: 05/11/2022

Reviewed by Representative of Related Instruction Provider: David Stuart

Date: 05/11/2022

REPLICATION OF EXISTING PROGRAMS OR CHANGES
IN PROVISION OF APPRENTICE RELATED INSTRUCTION

Timetable	Responsibility	Action
As need for change in provision of apprentice related instruction arises	District Apprenticeship Coordinator, designated advisory committee industry sponsors, BAS-ATR	Collaborate with stakeholders regarding need changes (i.e., expansion to another district, change in delivery mode and document proposed changes on ESM form (TC-APP-PRI)
If change involves an existing program that is new to the district or program discontinuance After partners reach consensus on new arrangements for current and new apprentices	District	1a. Schedule and prepare materials for local Board review and approval. 2. Send email describing proposed changes, and advisory committee/sponsor acceptance to the WTCS office Apprenticeship Director and the DWD Director of Bureau of Apprenticeship; attach The Apprentice Related Instruction Action Form TC-APP-PRI for review and concurrence.
Within 10 working days of receipt of completed TC-APP-PRI If change involves an existing program that is new to the district or program discontinuance	Apprenticeship Education Director	3. Consult with DWD Director for concurrence on proposed changes. Forward written recommendation of approval or disapproval of the request to the Vice President, Office of Instruction; or, if necessary, request additional information needed, i.e. minutes, from the applicant district and/or DWD-BAS. 3b. Maintain records of changes not included in Program System database (site, scheduling, mode of instruction)
	Vice President, Office of Instruction	Review and approve request that impact Program System database, as appropriate (program expansion to a new district, suspension, discontinuance) 4b. Record the action within the Management Information System, enter action (approval, suspension, discontinuance) into program system, database. 4c. Notify DWD-BAS, district Apprenticeship Coordinator
Upon receipt of notice of approval of program expansion	District	4d. Proceed to implement approved program. Submit course and curriculum files.

Medical Laboratory Technician Apprenticeship Summary and Community Need

The apprenticeship program is designed as an alternate pathway for entry into the medical laboratory field that is facing critical staffing shortages both locally and nationally. It is designed to allow students with a bachelor's degree in the sciences (biology, chemistry, etc.) to receive on the job training at a hospital while receiving theory training at MATC to allow them to sit for a certification exam after the end of 1 to 1.5 years. The program has three main benefits: 1) Create a new pool of potential employees for health care systems in an area of critical need. 2) Allows students who have completed a bachelor's degree a chance to get paid training in the medical field. 3) Increases enrollment of students at MATC.

The program is the culmination of over 3 years of work with MATC and Wisconsin Diagnostic Laboratories to try and develop an alternate pathway to increase the pool of Medical Laboratory Professionals. Mike Barron, director of WDL Laboratories, approached Brad Church initially to try and develop the program. MATC is also in discussions with Advocate Aurora to create a similar model for them. There is a severe shortage of MLT and MLS professionals and new ways of getting employees is of interest to all health care systems. A pilot is ongoing with WDL and MATC and we will evaluate the results and bring the model forward to other health care systems.



RE: [EXTERNAL] MLT explanation of industry need

1 message

Helbig, Anna <Anna.Helbig@aah.org>

Thu, Feb 3, 2022 at 1:19 PM

To: "Polk, David" <polkdd@matc.edu>, "Baron, Michael" <MBaron@wisconsindiagnostic.com>

Cc: Michele Schimke <schimkem@matc.edu>

Hi David!

There is national shortages for MLT before pandemic and since they it's been compounded. For example, within our organization there has been positions open with no applicants since 2020. This poses a bigger concern than supply shortages due to a lack of staffing since they play a crucial role in the performance of tests to analyze body fluids, tissue, and other substances.

Let me know if you need something further than that, happy to provide.

Thanks!

Anna

From: Polk, David <polkdd@matc.edu>

Sent: Wednesday, February 2, 2022 1:43 PM

To: Baron, Michael <MBaron@wisconsindiagnostic.com>; Helbig, Anna <Anna.Helbig@aah.org>

Cc: Michele Schimke <schimkem@matc.edu>

Subject: [EXTERNAL] MLT explanation of industry need

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Good afternoon Michael and Anna

You both are first apprentice trainers for the MLT apprenticeship program and I was wondering if you can give us a little context on the need for these professionals in your industry?

A brief paragraph in a return email would be fine.

We have to present this new apprenticeship to our board and they want context on why we would pursue this for MATC as an apprenticeship.

Thank you both in advance and it has been wonderful working with you!

--

David D Polk

Director, Apprenticeship

<https://www.matc.edu/academics/apprenticeships.html>

Milwaukee Area Technical College

6665 S. Howell Ave.

Oak Creek, WI 53154-1196

414-571-4743

polkdd@matc.edu



RE: [EXTERNAL] MLT explanation of industry need

1 message

Baron, Michael <MBaron@wisconsindiagnostic.com>

Thu, Feb 3, 2022 at 2:14 PM

To: "Polk, David" <polkdd@matc.edu>, "Helbig, Anna" <Anna.Helbig@aah.org>

Cc: Michele Schimke <schimkem@matc.edu>

Hello, I echo Anna's message...I want to add that laboratory leaders needs to be open to alternative approaches for their techs to gain the knowledge to meet this role's requirements. The apprentice program approach will bring in high quality candidates to meet the clinical laboratory industry staffing needs.

Thank you,

Mike Baron, MBA, MS, C (ASCP)

Executive Director of Clinical Laboratory Operations

Wisconsin Diagnostic Laboratories

9200 W. Wisconsin Ave.

Milwaukee, WI 53226

Office: (414) 805-7938

Cell: (608) 235-0903

Email: mbaron@wisconsindiagnostic.com

From: Polk, David <polkdd@matc.edu>

Sent: Thursday, February 3, 2022 1:29 PM

To: Helbig, Anna <Anna.Helbig@aah.org>

Cc: Baron, Michael <MBaron@wisconsindiagnostic.com>; Michele Schimke <schimkem@matc.edu>

Subject: Re: [EXTERNAL] MLT explanation of industry need

This is great, thank you!

On Thu, Feb 3, 2022 at 1:20 PM Helbig, Anna <Anna.Helbig@aah.org> wrote:

Hi David!

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Sent: Wednesday, February 2, 2022 1:43 PM

To: Baron, Michael <MBaron@wisconsindiagnostic.com>; Helbig, Anna <Anna.Helbig@aah.org>

Cc: Michele Schimke <schimkem@matc.edu>

Subject: [EXTERNAL] MLT explanation of industry need

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Medical Laboratory Technician/Phlebotomy
Advisory Committee Meeting Minutes

Meeting Date:	November 3, 2021	Time:	3:00 p.m.
Location	Virtual	Room:	Virtual
Facilitator:	S. Meyer	Minute Taker:	T. Rolbiecki

Members - Present X /Not Present	Company Represented
<input type="checkbox"/> Kenneth Allen	Columbia St. Mary's Hospital – Milwaukee
<input checked="" type="checkbox"/> Michael Baron	Wisconsin Diagnostic Laboratories
<input type="checkbox"/> Jessica Carter	Wisconsin Diagnostic Laboratories
<input checked="" type="checkbox"/> Marzena Horembala	ACL Laboratories
<input type="checkbox"/> Kaitlin Kunz	Children's Hospital of Wisconsin
<input checked="" type="checkbox"/> Stacy Meyer	College of American Pathologists
<input checked="" type="checkbox"/> Dennis Schmidt	Retired
<input checked="" type="checkbox"/> Beth Kratzer	Ascension
<input checked="" type="checkbox"/> Zachary Lunak	University of Wisconsin - Milwaukee

MATC Representatives Present	Position/Title
Victoria Swinnie	Instructor, MLT Program Director
Bradley Church	Instructor, Phlebotomy Program Director
Joelle Pietrzak	Instructor, Clinical Coordinator
Sadie Woods	Instructor
Fifi Wilks	Advisory Committee Coordinator
Toni Rolbiecki	Transcriptionist

Guest Present, include Students Present	If student, write MATC Student below

A. Call to Order/Introduction/Roll Call

Discussion: S. Meyer called the meeting to order at 3:09 p.m. Introductions and roll call were performed.

B. Determination of Quorum

Discussion: A quorum was present.

C. Old Business (Required-Committee Approval/Recommendation for Action)

Item 1	Advisory Membership Review (Use Divisional Data Audit Forms)
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Discussion: The advisory membership review was performed. Kenneth Allen may no longer be at Columbia-St. Mary's. B. Kratzer will find a new referral for the committee.

Action items:	Person responsible:	Deadline:
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Item 2	Program Progress/Enrollment Reports
---------------	--

Discussion: V. Swinnie shared the enrollment data below:

**MEDICAL LABORATORY TECHNICIAN (MLT)
PROGRAM ENROLLMENT AND PROGRAM COMPLETION 2020-2021**

MLT STUDENT ENROLLMENT	20 Students
Entered August 2021	9 Students
Entered January 2021	11 Students
- 9 New Students	
- 2 Readmissions	
MLT PROGRAM COMPLETION	19 Students
July 2021	10 Students
March 2021	9 Students
GRADUATION	19 Students
Completed with diploma	19 Students
ASCP REGISTRY	19 Students
Eligible for Registry	19 Students

B. Church provided the Phlebotomy Program Information below:

On Campus Information:

Fall 2021: 13 Students currently enrolled (on-campus)

Spring 2022: Petition window is closed for Spring 2022 and will accept the full 25 students into the program.

Clinical Information:

Summer 2021: 11 went out to clinicals, all of which completed successfully.

Fall 2021: No students scheduled for clinical. ***

Spring 2022: 13 currently scheduled for spring semester clinicals. Placement requests have been sent. Still early in the process.

*** Phlebotomy will be adding a summer cohort starting Summer 2022. Faculty will be sending requests for Fall 22 clinical placements likely in late July.

Certification Exams:

2020-2021 Exams: One student took the certification exam and passed.

He explained spring students go to clinicals in summer. There is no summer cohort, so there are rarely students sent out in fall. One way to increase enrollment is to begin a summer cohort with fall clinicals. Fall placement requests will be sent in late July. It will probably not be a lot of students. He hopes this can increase enrollment without stressing the clinical site partners.

The certification exam number is low because it is not required by the State of Wisconsin.

V. Swinnie provided the MLT Clinical Placement data below:

Spring/Summer 2021	April 26, 2021 – July 21, 2021	
WDL	4 students + 1 Micro	
Ascension	2 students	
ACL	3 students (No Micro)	
City Health Department	2 students	Total = 10
Winter 2021	November 17, 2021 – March 3, 2022	
ACL	3 students (No Micro)	
WDL	2 students	
Ascension	3 students + 1 Micro	
Milwaukee Health Department	2 students (Micro only)	Total = 8
Spring 2022		
11 students will be ready for MLT clinical placement in April 2022		

V. Swinnie noted it is difficult to find Microbiology rotations. They are considering in-house simulations. Support of partners would be needed, particularly specimens to be identified.

B. Kratzer stated St. Francis will be out as a clinical placement site – micro rotations will all be at one site, Columbia-St. Mary's. She will provide updates. V. Swinnie thanked all the clinical partners for taking the students. Faculty understand that it is a difficult time for everyone because of COVID and retirements.

B. Kratzer added they have hired a few students before their clinicals; those students have guaranteed spots.

Action items:	Person responsible:	Deadline:
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Item 3 Capital Equipment/Construction

Discussion: There are no capital equipment or construction requests.

D. Schmidt asked if they got new instruments for clinical chemistry. V. Swinnie stated they have i-STAT instrumentation and Randox. The i-STATS are new.

B. Kratzer asked whether they are getting rid of any old instruments. S. Woods stated they are not, but they are looking for any old instruments anyone is getting rid of.

S. Woods would like to invite D. Schmidt to show them how to use the Hamiltons next semester. She will contact him.

Action items:	Person responsible:	Deadline:
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Item 4 Curriculum Status and Review		
<p>Discussion: V. Swinnie stated the MLT program removed 5 credits; it used to be 67 credits. There is no longer <i>Preclinical 1</i> or <i>Preclinical 2</i>. There is no longer an elective.</p> <p>Courses are now either 8 weeks or 12 weeks. Due to the pandemic, they are now blended. Lectures are online and labs are face-to-face. The 8- and 12-week courses are working well.</p> <p>B. Church added that phlebotomy courses are all 8-week courses. They are all available online, aside from the actual Phlebotomy and Clinical courses.</p> <p>V. Swinnie stated students seem to like the hybrid model. They get everything they need in the lab.</p>		
Action items:	Person responsible:	Deadline:

Item 5 Course Outcome Summary (COS)		
<p>Discussion: V. Swinnie has no Course Outcome Summary available for review today. She would like to forward two Course Outcome Summaries for review in April: <i>Immunology</i> and <i>Intro to Molecular</i>.</p> <p>For those working in a hospital, immunology has changed quite a bit. Therefore, faculty want to review what they are teaching and what they need to teach more of. They would like the course to align with the board. <i>Molecular</i> is a new department altogether.</p>		
Action items:	Person responsible:	Deadline:

Item 6 Quality Review Process (QRP) - Explain Action Plan - Provide Yearly Updates		
<p>Discussion: No updates. This usually happens in the spring.</p>		
Action items:	Person responsible:	Deadline:

Item 7
Technical Skills Attainment (TSA) *Include votes*

Discussion: V. Swinnie shared the Phlebotomy TSA below. The program is in Phase II.

Phlebotomy TSA – Fall 2021

Two Questions:

1. Based on the Learning Outcomes, are the students doing well with TSA?
2. Do faculty and advisory committee members still feel good about the skills students are able to demonstrate at the end of their program?

Learning Outcomes are:

- Collect, transport, handle, and process blood specimens for analysis
- Identify select equipment, supplies and additives
- Recognize factors that affect specimen collection
- Follow infection control and safety
- Demonstrate professional conduct and communication

V. Swinnie asked whether members who are working with students have feedback on the Learning Outcomes. M. Horembala would like to share this with the trainers who work with the students.

V. Swinnie will provide it via email.

D. Schmidt stated the Phlebotomy program is approved by NACLS, so you want to make sure you are aligned with that and doing the site visit every four years. V. Swinnie stated B. Church is involved in preparing the self-study. D. Schmidt will contact him.

Action items:

Person responsible:

Deadline:

Item 8
Career Essentials

Discussion/Results: V. Swinnie has nothing new to report. Career Essentials are soft skill assessments that are embedded in the curriculum. S. Meyer participated on one of the committees. Most of the questions were regarding soft skills.

V. Swinnie added that students can access their Career Essentials results for two years under their MATC assessments. She is not sure it is something they would take along and present at interviews.

S. Meyer found it interesting that students across all programs have forgotten how to write professionally because of texting and social media. V. Swinnie stated one of the Career Essentials is professionalism; Her students write a reflection after their clinical experience answering what they think professionalism is. They believe it is just showing up and being ready to listen.

She asked how soft skills play a role in interviews. B. Kratzer stated they try to get a feel for them; they certainly need improvement. Sometimes you cannot tell a lot from a brief interview.

S. Woods added that they are having difficulty telling time such as reading clocks on their own, let alone figuring out military time.

M. Baron stated he personally puts a lot of bases on soft skills. In the lab environment they struggle with finding the appropriate fit for the team. They try to bring in people who want to continue working there. He is not part of the interview process for students. He feels soft skills are especially important with students, since you do not know their technical capabilities yet.

B. Kratzer agrees. They try to get a good feel for their work ethic. They try to stress flexibility. Teamwork is a big thing; trying to get them to work as a team can be hard. They are finding techs are not as apt to help one another. She does not understand it, but it may be a generational thing.

S. Woods asked if she is talking about social skills. B. Kratzer is not sure if it is social as much as phones. They are a big deal.

S. Woods asks students how they got into the program on their first day. A lot of them say that they do not like talking and do not want to deal with patients. She takes that to mean that they are introverts. She tells them to speak to each other to learn how to troubleshoot, to ask one another questions. She does see it is generational, as well. They don't want to talk. They don't want to open their mouths.

B. Kratzer stated people are in the lab for a reason. The groups she worked with when she was a tech still worked closely together.

M. Baron added it is true lab folks are introverted by nature. Some of that does not concern him as much. They do a lot of behavioral-based interviewing, using STAR. They ask about past experiences, what were the tasks associated with it, what were the actions you took, what were the results. You get a sense of how they will interact or get along with others. S. Woods asked what STAR stands for. M. Baron stated it is an example of a Situation, Tasks involved, Action you took, and the Results.

V. Swinnie mentioned that the seven Career Essentials are effective communication in writing, effective communication through speaking and listening, mathematical competency, effective problem solving, technological competency, professionalism, and global awareness.

D. Schmidt asked whether students use their phones in the lab. M. Baron stated in his experience they do not allow phones in the lab. He noticed they do allow it at ARUP. It helped them avoid distractions in the processing areas. He looked at it more as a biohazard. They routinely allowed it and in fact encouraged it as an employee satisfier.

D. Schmidt stated the hardest thing students did in the lab was pulling out their phone; it interrupted what they were trying to do.

B. Kratzer asked J. Pietrzak to comment. J. Pietrzak stated it depends on the person. A lot of people liked having their phones with them just because they had children in daycare. When they worked third shift at St. Francis, they brought their phones to play music just to stay awake. It can be a problem if people are more focused on their phones than on the work.

S. Meyer stated from experience it is potentially a HIPAA violation - someone butt-dialed her while drawing a patient and she heard everything. She strongly recommends against it. M. Horembala stated this is exactly why ACL does not allow phones.

B. Kratzer asked how that is enforced. M. Horembala stated they learn about it at orientation. On the second warning they will contact the school. J. Pietrzak believes there is a no cell phone policy in the syllabus. M. Baron stated at WDL there is an expectation that phones are kept in lockers, but he does not know how strongly it is being enforced.

Z. Lunak stated it matters what laboratory setting it is and what shift it is. He worked at a reference lab where they had phones out all the time. First shift is a stat setting, you do not want your phone out.

Action items/Decisions:	Person responsible:	Deadline:
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Item 9	Retention Strategies
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Discussion/Results: V. Swinnie stated they have eliminated the *Preclinical 1* and *Preclinical 2* courses. They have extended courses from 8-weeks to 12-weeks. They have open labs and try to be proactive by recruiting senior students to help the new students.

D. Schmidt suggested doing some clinicals in the lab at MATC. They talked about that 25 years ago with other colleges – you do not always have clinical sites. You can do a lot of hands-on stuff.

V. Swinnie stated they are finding it hard to fill the clinical portion of the Microbiology rotation. NACLS suggested they do 12 days in clinical settings, but maybe students can stay in-house for 6 days. They will come up with something to present to the advisory committee; however, partner support is needed to bring in the specimens that the college does not have on hand, wound specimens, different slides. Maybe they can contact ACL for unique slides. The students already see practical stuff. Now they need to see what is unique or different.

She asked what UWM is doing for Microbiology rotations.

J. Pietrzak stated they may have to adjust rotations. Her problem is the instrumentation portion. It is valuable for students to see instrumentation in action and how everything works.

Z. Lunak stated they have been fortunate at their sites. They have not had any students miss a micro rotation. They are becoming more and more centralized, so down the road it may become an issue. At his previous place, about 8 students per year had to do a clinical intensive rotation on campus where samples were brought in from local hospitals. Joelle is right – you do not get to see the automation or the LIS that goes along with it. That is sometimes the best you can do.

M. Horembala stated the Wisconsin school system has a lot of colleges doing this. Reach out to NWTC, reach out to Gateway, maybe the Wisconsin school system can financially support a joint simulation lab.

Action items/Decisions:	Person responsible:	Deadline:
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Item 10	(Other Items)
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Discussion/Results: V. Swinnie stated they did fill the educational assistant position. He has been on board for about 4 weeks now. He has a Bachelor's in Global Science and served in the Peace Corps. He came home from Africa due to the pandemic.

D. Schmidt asked if it was full-time or part-time. V. Swinnie answered part-time, about 25 hours/week.

Action items/Decisions:	Person responsible:	Deadline:
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D. New Business (Required-Committee Approval/Recommendation for Action)

Item 1	Guided Pathways	
Discussion/Results: No updates.		
Action items/Decisions:	Person responsible:	Deadline:

Item 2	Strategic Planning	
<p>Discussion/Results: B. Church provided an overview of the apprenticeship program. This program would be for students with a bachelor's degree in biology or chemistry. They would get theory training at MATC and hands-on training at their worksite. At the end of the year, they would be eligible to sit for one of the MT certification exams, where they would be certified in hematology and chemistry.</p> <p>They received the email yesterday stating that it will likely go forward. They are looking to pilot the program with two students in the spring. Provided it works well, it can be expanded going forward.</p> <p>It will be happening during the next advisory committee meeting; he will provide more updates at that time.</p> <p>V. Swinnie forwarded a state survey to many partners. One of the priorities for 2025 is to have this apprenticeship program in place. She hopes that the survey can be discussed in spring as well as the need for the apprenticeship program.</p> <p>M. Baron believes these different pathways will be necessary with the shortages they have seen for med techs in general. They are starting an internal program with a trainer to do on-site classrooms, to bring in someone with a science background that meets the CLIA requirements. The apprenticeship can only bring in a few people at a time; they will need more than that to keep up with the turnover they see. Younger adults do not have the same longevity in positions. He is sure every lab in the country is experiencing it.</p> <p>S. Meyer stated it is unfortunately a worldwide shortage. She has spoken about the MATC apprenticeship with other labs. It is a great idea to train up the people who want to work in a lab setting.</p> <p>V. Swinnie spoke about the growth of the program. They want to maintain a graduating class of about 24 students per year (10-12 per semester). They have begun talking about how to move forward with the department in the next 4-5 years. The program will turn 50 next year; it started in 1972 under Pat Garrity. They have a lot of old equipment. They want to get rid of the old equipment and bring on new equipment – little things like goose necks, microscopes, heating blocks. A lot of the equipment is outdated.</p> <p>D. Schmidt stated when he retired the pipetting was about 30 years old. V. Swinnie hopes to last for another 50 years. They will do something to celebrate the program. Patricia is still around as a mentor.</p>		
Action items/Decisions:	Person responsible:	Deadline:

Item 3 Grant Opportunities and Updates		
Discussion/Results: No updates.		
Action items/Decisions:	Person responsible:	Deadline:

Item 4 (Other New Business Items)		
<p>Discussion/Results: V. Swinnie asked for a follow-up report regarding the UWM articulation agreement.</p> <p>Z. Lunak stated they are doing two things: One is trying to get a program going where working MLTs can come to UWM and take the required credits for a bachelor's degree, but also the required credits for route two, so they can go from MLT to MLS. They have a list of MLS courses to prepare for the exam. They are taking that and overlaying it with the articulation agreement with MATC to try to make it smoother.</p> <p>He believes he is at the point where he wants to present it to his department and then try to rewrite the articulation agreement with MATC. The chemistry series is always the biggest hiccup; when they come in, they must start at a freshman level of chemistry. If they can get them at a sophomore level it will save them a year. There are some courses that would automatically be waived on their end. The realistic goal is 3 maximum, but it would be nice to get it to two plus two years. S. Meyer supports that plan, as she did both programs. She ended up spending four years at UWM to get her bachelor's degree.</p>		
Action items/Decisions:	Person responsible:	Deadline:

E. Announcements and Meeting Arrangements

Discussion: V. Swinnie asked whether Zoom works for everyone. D. Schmidt asked whether there would be face-to-face meetings again. V. Swinnie stated it will depend upon the pandemic; a blended format may work.
--

F. Next Meeting Date (Committee Decision)

Discussion: Wednesday, April 6, 2022, at 3:00 p.m.

G. Adjournment

Discussion: S. Meyer adjourned the meeting at 4:31 p.m.
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... minutes for critical testing. Areas of specialization include chemistry, hematology, and microbiology.

- **Anatomic Pathology** deals with tissues and tumors, and cases may involve numerous tests with a primary focus on the diagnosis of cancer. Areas of specialization include cytology, surgical pathology and autopsy.



Clinical Pathology

Applicants who have completed Bachelor's degrees in molecular or microbiology, chemistry/biochemistry, neurology or other advanced science degrees may apply for full-time paid training positions as Non-Certified Technologists, which are designed to allow applicants to take a formal certification exam as a Medical Laboratory Scientist, either as a generalist or in one of the specialty areas such as chemistry, hematology, microbiology or cytogenetics. Upon satisfying the requirements for certification, the Non-Certified Technologist will take the appropriate certification examination to become a Certified Technologist or MLS.

Certified Technologist/Medical Laboratory Scientist (MLS):

performs waived, moderate complexity and high complexity testing on patient specimens. Correlates and interprets data utilizing critical thinking skills and advanced knowledge of techniques, principles and instruments. Effectively performs problem resolution, equipment maintenance, reagent preparation and test result data entry.

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Medical Laboratory Technician (MLT): similar to above, but with less complexity and less advanced testing performed. Requires an Associate degree in Clinical Laboratory Science and ASCP or AMT certification within one year of hire.



Anatomic Pathology

AP has a complete career ladder that functions in part as an apprenticeship program, designed to offer the experience and training required to take the histologist and histotechnologist certification exams. A completed degree is NOT required. These positions are AP Laboratory Technical Assistants (LTAs). A limited number of full-time LTA positions are available and open to juniors and seniors in science programs. LTAs may take the certification exam after one full year of employment.

Part-time (Casual) LTA positions are also available, and are designed for those focused on their studies who are unable to work full-time. Trained casual LTAs receive the same training as full time LTAs, but the equivalent of one year of full time employment is required before sitting for the certification exam.

Having already been trained, casual LTAs are strong candidates for full-time positions when they become available. LTA positions are opened several times per year, as many of our LTAs take advantage of their lab training to become credentialed and then promoted, or move on to graduate studies or medical school.

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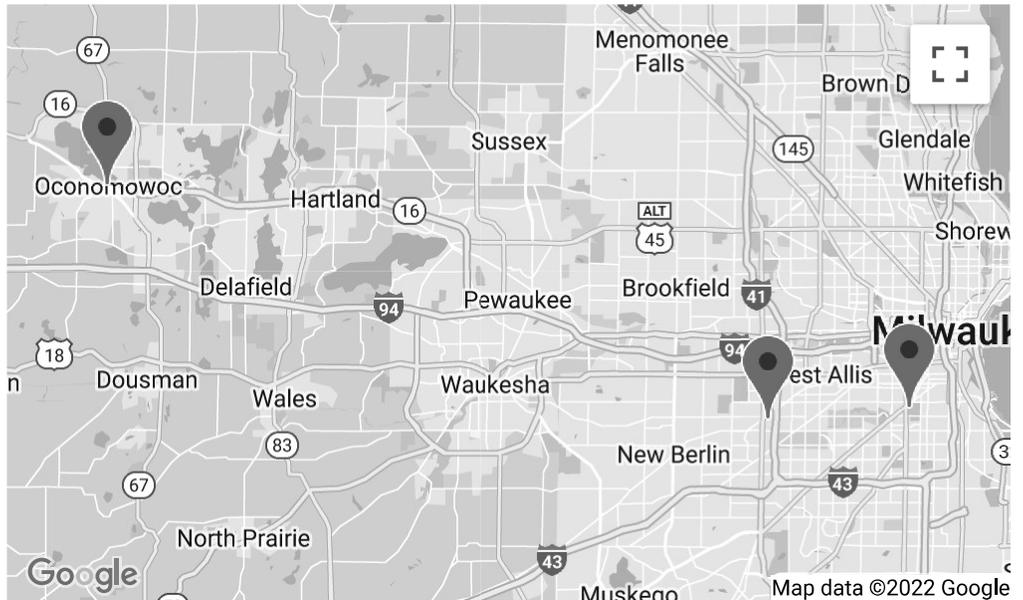
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West Allis Full Time

**Medical Technologist - Medical Laboratory
Technician - Full Time - Third Shift**

Milwaukee Full Time

**Medical Technologist - Medical Laboratory
Technician - Full Time - Third Shift**

West Allis Full Time

**Medical Technologist - Medical Laboratory
Technician - Full Time - Third Shift**

Oconomowoc Full Time

Medical Technologist - Medical Laboratory



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A grayscale photograph of a person in a laboratory setting. The person is wearing a white lab coat and a white surgical mask. They are looking through the eyepiece of a large, light-colored microscope. Their hands are positioned near the base of the microscope, possibly adjusting a component. The background is slightly blurred, showing what appears to be a laboratory environment with shelves or equipment.

Clinical Laboratory Technologists and Technicians in 2 Wisconsin Counties

Contents

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What is Emsi Data?

Emsi data is a hybrid dataset derived from official government sources such as the US Census Bureau, Bureau of Economic Analysis, and Bureau of Labor Statistics. Leveraging the unique strengths of each source, our data modeling team creates an authoritative dataset that captures more than 99% of all workers in the United States. This core offering is then enriched with data from online social profiles, resumés, and job postings to give you a complete view of the workforce.

Emsi data is frequently cited in major publications such as *The Atlantic*, *Forbes*, *Harvard Business Review*, *The New York Times*, *The Wall Street Journal*, and *USA Today*.



Report Parameters

1 Occupation

29-2010 Clinical Laboratory Technologists and Technicians

2 Counties

55079 Milwaukee County, WI

55089 Ozaukee County, WI

Class of Worker

QCEW Employees, Non-QCEW Employees, and Self-Employed

The information in this report pertains to the chosen occupation and geographical areas.

Executive Summary

Aggressive Job Posting Demand Over a Deep Supply of Regional Jobs



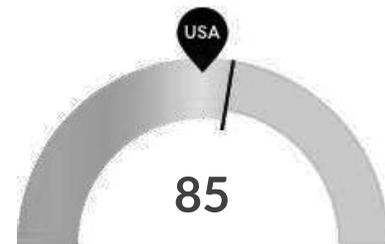
Jobs (2022)

Your area is a hotspot for this kind of job. The national average for an area this size is 1,181* employees, while there are 1,899 here.



Compensation

Earnings are about average in your area. The national median salary for Clinical Laboratory Technologists and Technicians is \$54,236, compared to \$55,980 here.



Job Posting Demand

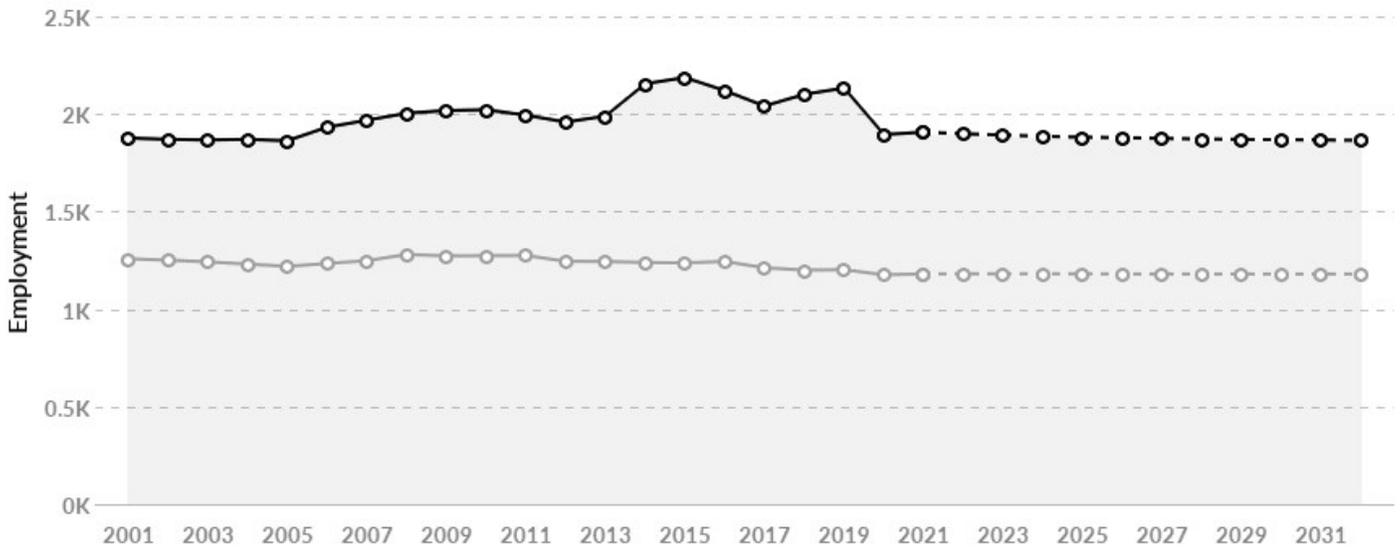
Job posting activity is high in your area. The national average for an area this size is 73* job postings/mo, while there are 85 here.

*National average values are derived by taking the national value for Clinical Laboratory Technologists and Technicians and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

Jobs

Regional Employment Is Higher Than the National Average

An average area of this size typically has 1,181* jobs, while there are 1,899 here. This higher than average supply of jobs may make it easier for workers in this field to find employment in your area.



Region	2022 Jobs	2031 Jobs	Change	% Change
● 2 Wisconsin Counties	1,899	1,867	-32	-1.7%
● National Average	1,181	1,180	-1	0.0%

*National average values are derived by taking the national value for Clinical Laboratory Technologists and Technicians and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

Regional Breakdown



County	2022 Jobs
Milwaukee County, WI	1,811
Ozaukee County, WI	88

Most Jobs are Found in the General Medical and Surgical Hospitals Industry Sector

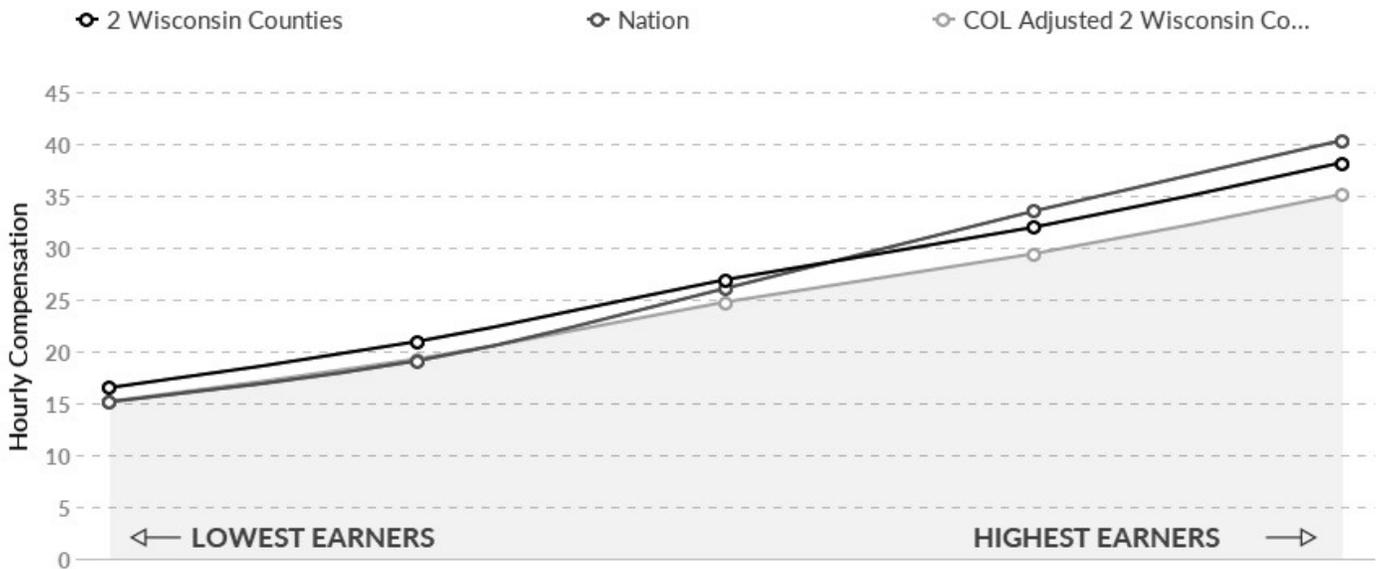


Industry	% of Occupation in Industry (2022)
● General Medical and Surgical Hospitals	57.1%
● Medical and Diagnostic Laboratories	12.1%
● Offices of Physicians	7.8%
● Colleges, Universities, and Professional Schools	6.8%
● Outpatient Care Centers	2.8%
● Other Ambulatory Health Care Services	2.2%
● Other	11.2%

Compensation

Regional Compensation Is 3% Higher Than National Compensation

For Clinical Laboratory Technologists and Technicians, the 2020 median wage in your area is \$26.91/hr, while the national median wage is \$26.07/hr.



Job Posting Activity



254 Unique Job Postings

The number of unique postings for this job from Jan 2022 to Mar 2022.



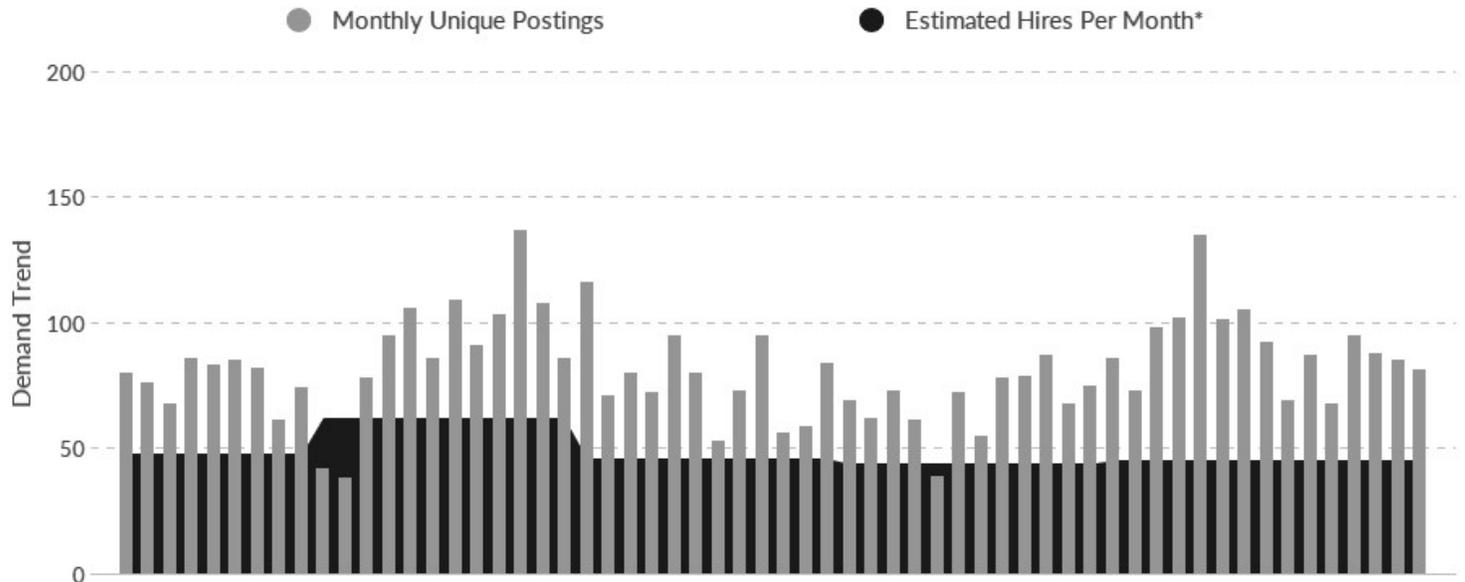
82 Employers Competing

All employers in the region who posted for this job from Jan 2022 to Mar 2022.



1 Out of 2 Positions Filled

The ratio of estimated hires* to unique postings for this job from Jan 2022 to Mar 2022.



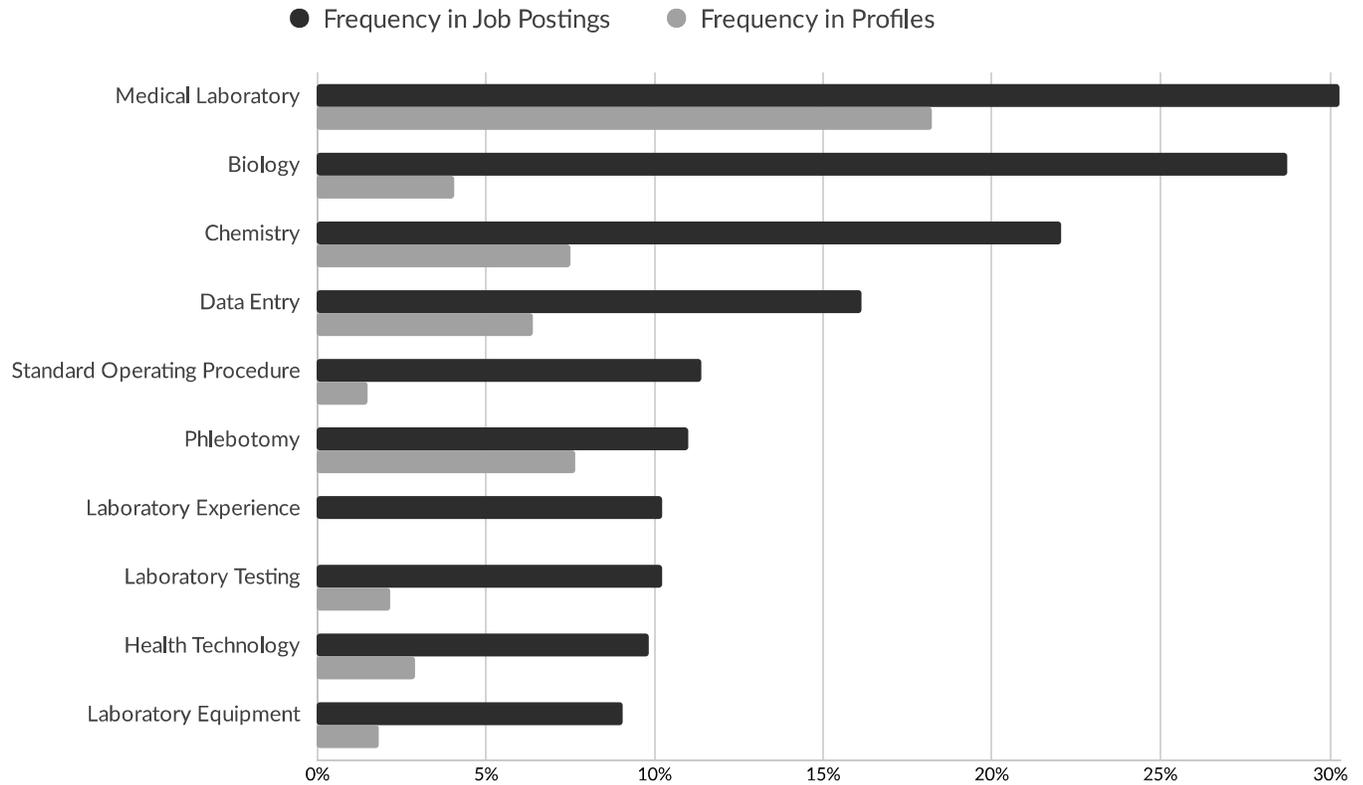
Occupation	Avg Monthly Postings (Jan 2022 - Mar 2022)	Avg Monthly Hires (Jan 2022 - Mar 2022)
Clinical Laboratory Technologists and Technicians	85	45

*A hire is reported by the Quarterly Workforce Indicators when an individual's Social Security Number appears on a company's payroll and was not there the quarter before. Emsi hires are calculated using a combination of Emsi jobs data, information on separation rates from the Bureau of Labor Statistics (BLS), and industry-based hires data from the Census Bureau.

Top Companies	Unique Postings
Ascension	23 
Froedtert & The Medical College...	18 
Wisconsin Diagnostic Laborator...	15 
Aurora Health Care	14 
Grifols	11 
Bloodcenter Of Wisconsin	10 
Actalent	9 
CSL	6 
Chr. Hansen	4 
K.A. Recruiting	4 

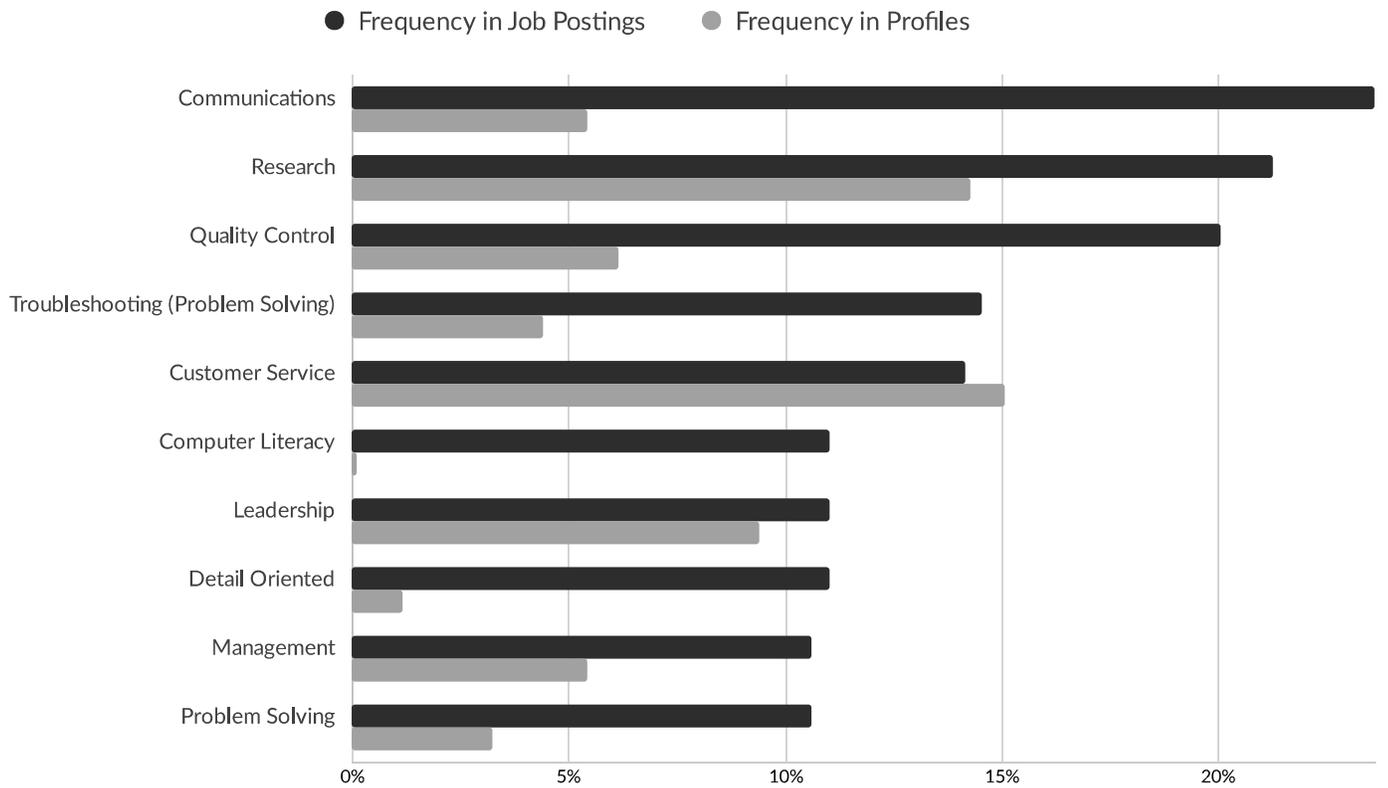
Top Job Titles	Unique Postings
Laboratory Technicians	31 
Medical Laboratory Technicians	26 
Research Technologists	15 
Quality Control Laboratory Tech...	9 
Histology Technicians	7 
Laboratory Assistants	7 
Anatomic Pathology Technicians	5 
Animal Technicians	5 
Donor Center Technicians	5 
Histotechnicians	5 

Top Specialized Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Medical Laboratory	77	30%	157	18%
Biology	73	29%	35	4%
Chemistry	56	22%	65	8%
Data Entry	41	16%	55	6%
Standard Operating Procedure	29	11%	13	2%
Phlebotomy	28	11%	66	8%
Laboratory Experience	26	10%	0	0%
Laboratory Testing	26	10%	19	2%
Health Technology	25	10%	25	3%
Laboratory Equipment	23	9%	16	2%

Top Common Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Communications	60	24%	47	5%
Research	54	21%	123	14%
Quality Control	51	20%	53	6%
Troubleshooting (Problem Solving)	37	15%	38	4%
Customer Service	36	14%	130	15%
Computer Literacy	28	11%	1	0%
Leadership	28	11%	81	9%
Detail Oriented	28	11%	10	1%
Management	27	11%	47	5%
Problem Solving	27	11%	28	3%

Demographics

Retirement Risk Is About Average, While Overall Diversity Is Low



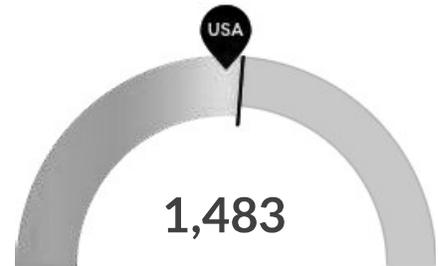
Retiring Soon

Retirement risk is about average in your area. The national average for an area this size is 457* employees 55 or older, while there are 462 here.



Racial Diversity

Racial diversity is low in your area. The national average for an area this size is 798* racially diverse employees, while there are 559 here.



Gender Diversity

Gender diversity is about average in your area. The national average for an area this size is 1,378* female employees, while there are 1,483 here.

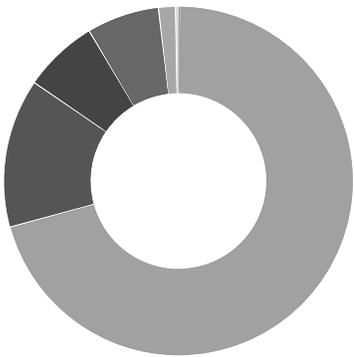
*National average values are derived by taking the national value for Clinical Laboratory Technologists and Technicians and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

Occupation Age Breakdown



	% of Jobs	Jobs
● 14-18	0.2%	3
● 19-24	9.7%	186
● 25-34	26.8%	511
● 35-44	20.1%	383
● 45-54	19.0%	362
● 55-64	20.2%	385
● 65+	4.0%	77

Occupation Race/Ethnicity Breakdown



	% of Jobs	Jobs
● White	70.7%	1,348
● Black or African American	13.8%	263
● Hispanic or Latino	6.9%	132
● Asian	6.7%	128
● Two or More Races	1.5%	30
● American Indian or Alaska Native	0.3%	6
● Native Hawaiian or Other Pacific Islander	0.0%	0

Occupation Gender Breakdown



	% of Jobs	Jobs
● Males	22.2%	424
● Females	77.8%	1,483

Occupational Programs



8 Programs

Of the programs that can train for this job, 8 have produced completions in the last 5 years.



373 Completions (2020)

The completions from all regional institutions for all degree types.



137 Openings (2020)

The average number of openings for an occupation in the region is 84.

CIP Code	Top Programs	Completions (2020)
26.0102	Biomedical Sciences, General	179
51.1005	Clinical Laboratory Science/Medical Technology/Technolog...	148
51.1009	Phlebotomy Technician/Phlebotomist	19
51.9999	Health Professions and Related Clinical Sciences, Other	13
51.1004	Clinical/Medical Laboratory Technician	10
51.0000	Health Services/Allied Health/Health Sciences, General	2
51.1001	Blood Bank Technology Specialist	2

Top Schools	Completions (2020)
Marquette University	175
University of Wisconsin-Milwaukee	123
Milwaukee Area Technical College	29
University of Wisconsin-Milwaukee Flex	18
Concordia University-Wisconsin	15
Medical College of Wisconsin	10
Alverno College	3

Appendix A

Clinical Laboratory Technologists and Technicians in 2 Wisconsin Counties

Appendix B - Data Sources and Calculations

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates are also affected by county-level Emsi earnings by industry.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

Cost of Living Data

Emsi's cost of living data is based on the Cost of Living Index published by the Council for Community and Economic Research (C2ER).

Emsi Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.



electrician

Go

Medical and Clinical Laboratory Technicians

29-2012.00

Bright Outlook

Updated 2022

Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May work under the supervision of a medical technologist.

Sample of reported job titles: Certified Clinical Laboratory Technician, Clinical Laboratory Technician (Clinical Lab Technician), Laboratory Assistant (Lab Assistant), Laboratory Technician (Lab Tech), Medical Laboratory Technician (MLT), Medical Laboratory Technicians (Medical Lab Technician), Medical Technician

Also see: [Histology Technicians](#)

Summary

Details

More ▾

Contents

Occupation-Specific Information

Tasks

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- ⊕ Conduct chemical analyses of body fluids, such as blood or urine, using microscope or automatic analyzer to detect abnormalities or diseases and enter findings into computer.
- ⊕ Analyze the results of tests or experiments to ensure conformity to specifications, using special mechanical or electrical devices.
- ⊕ Set up, maintain, calibrate, clean, and test sterility of medical laboratory equipment.
- ⊕ Prepare standard volumetric solutions or reagents to be combined with samples, following standardized formulas or experimental procedures.
- ⊕ Collect blood or tissue samples from patients, observing principles of asepsis to obtain blood sample.

Technology Skills

▼ 5 of 12 displayed

- ⊕ **Data base user interface and query software** — Data entry software; Database software 🔥; FileMaker Pro
- ⊕ **Electronic mail software** — Email software; IBM Notes 🔥; Microsoft Outlook 🔥
- ⊕ **Medical software** — Electronic medical record EMR software; Laboratory information system LIS; MEDITECH software 🔥; Test routing software
- ⊕ **Spreadsheet software** — Microsoft Excel 🔥
- ⊕ **Word processing software** — Google Docs 🔥; Microsoft Word 🔥

🔥 Hot Technologies are requirements frequently included in employer job postings.

Occupational Requirements

Work Activities

▼ 5 of 24 displayed

- ⊕ **Processing Information** — Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data.
- ⊕ **Working with Computers** — Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information.
- ⊕ **Getting Information** — Observing, receiving, and otherwise obtaining information from all relevant sources.
- ⊕ **Updating and Using Relevant Knowledge** — Keeping up-to-date technically and applying new knowledge to your job.
- ⊕ **Making Decisions and Solving Problems** — Analyzing information and evaluating results to choose the best solution and solve problems.

Detailed Work Activities

▼ 5 of 16 displayed

- ⊕ Test biological specimens to gather information about patient conditions.
- ⊕ Analyze laboratory specimens to detect abnormalities or other problems.
- ⊕ Analyze laboratory findings.
- ⊕ Enter patient or treatment data into computers.
- ⊕ Operate laboratory equipment to analyze medical samples.

Work Context

▼ 5 of 28 displayed

- ⊕ **Face-to-Face Discussions** — 93% responded “Every day.”
- ⊕ **Indoors, Environmentally Controlled** — 98% responded “Every day.”
- ⊕ **Importance of Being Exact or Accurate** — 90% responded “Extremely important.”
- ⊕ **Wear Common Protective or Safety Equipment such as Safety Shoes, Glasses, Gloves, Hearing Protection, Hard Hats, or Life Jackets** — 93% responded “Every day.”
- ⊕ **Telephone** — 79% responded “Every day.”

Experience Requirements

Job Zone

Title

Job Zone Three: Medium Preparation Needed

Education

Most occupations in this zone require training in vocational schools, related on-the-job experience, or an associate's degree.

Related Experience

Previous work-related skill, knowledge, or experience is required for these occupations. For example, an electrician must have completed three or four years of apprenticeship or several years of vocational training, and often must have passed a licensing exam, in order to perform the job.

Job Training

Employees in these occupations usually need one or two years of training involving both on-the-job experience and informal training with experienced workers. A recognized apprenticeship program may be associated with these occupations.

Job Zone Examples

These occupations usually involve using communication and organizational skills to coordinate, supervise, manage, or train others to accomplish goals. Examples include hydroelectric production managers, travel guides, electricians, agricultural technicians, barbers, court reporters, and medical assistants.

SVP Range

1-2 years of preparation (6.0 to < 7.0)

Training & Credentials

State training

Select a State	Go
----------------	----

Local training

ZIP Code	Go
----------	----

Certifications

State licenses

Apprenticeships

Have a career path or location in mind? Visit [Apprenticeship.gov](https://www.apprenticeship.gov) to find apprenticeship opportunities near you.

Worker Requirements

Skills

- ⊕ **Active Listening** — Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
- ⊕ **Reading Comprehension** — Understanding written sentences and paragraphs in work-related documents.
- ⊕ **Critical Thinking** — Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions, or approaches to problems.
- ⊕ **Speaking** — Talking to others to convey information effectively.
- ⊕ **Science** — Using scientific rules and methods to solve problems.

Knowledge

- ⊕ **Biology** — Knowledge of plant and animal organisms, their tissues, cells, functions, interdependencies, and interactions with each other and the environment.
- ⊕ **Chemistry** — Knowledge of the chemical composition, structure, and properties of substances and of the chemical processes and transformations that they undergo. This includes uses of chemicals and their interactions, danger signs, production techniques, and disposal methods.
- ⊕ **English Language** — Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.
- ⊕ **Mathematics** — Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.
- ⊕ **Customer and Personal Service** — Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.

Education

How much education does a new hire need to perform a job in this occupation? Respondents said:

46%	Bachelor's degree required
31%	Associate's degree required
10%	Post-baccalaureate certificate required

Worker Characteristics

Abilities

▼ 5 of 22 displayed

- ⊕ **Near Vision** — The ability to see details at close range (within a few feet of the observer).
- ⊕ **Information Ordering** — The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations).
- ⊕ **Oral Expression** — The ability to communicate information and ideas in speaking so others will understand.
- ⊕ **Problem Sensitivity** — The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing that there is a problem.
- ⊕ **Oral Comprehension** — The ability to listen to and understand information and ideas presented through spoken words and sentences.

Interests

^ All 4 displayed

Interest code: **RIC**

🔗 Want to discover your interests? Take the **O*NET Interest Profiler** at My Next Move.

- ⊕ **Realistic** — Realistic occupations frequently involve work activities that include practical, hands-on problems and solutions. They often deal with plants, animals, and real-world materials like wood, tools, and machinery. Many of the occupations require working outside, and do not involve a lot of paperwork or working closely with others.
- ⊕ **Investigative** — Investigative occupations frequently involve working with ideas, and require an extensive amount of thinking. These occupations can involve searching for facts and figuring out problems mentally.
- ⊕ **Conventional** — Conventional occupations frequently involve following set procedures and routines. These occupations can include working with data and details more than with ideas. Usually there is a

clear line of authority to follow.

- ⊕ **Social** — Social occupations frequently involve working with, communicating with, and teaching people. These occupations often involve helping or providing service to others.

Work Values

^ All 3 displayed

- ⊕ **Support** — Occupations that satisfy this work value offer supportive management that stands behind employees. Corresponding needs are Company Policies, Supervision: Human Relations and Supervision: Technical.
- ⊕ **Relationships** — Occupations that satisfy this work value allow employees to provide service to others and work with co-workers in a friendly non-competitive environment. Corresponding needs are Co-workers, Moral Values and Social Service.
- ⊕ **Independence** — Occupations that satisfy this work value allow employees to work on their own and make decisions. Corresponding needs are Creativity, Responsibility and Autonomy.

Work Styles

∨ 5 of 16 displayed

- ⊕ **Attention to Detail** — Job requires being careful about detail and thorough in completing work tasks.
- ⊕ **Dependability** — Job requires being reliable, responsible, and dependable, and fulfilling obligations.
- ⊕ **Integrity** — Job requires being honest and ethical.
- ⊕ **Independence** — Job requires developing one's own ways of doing things, guiding oneself with little or no supervision, and depending on oneself to get things done.
- ⊕ **Analytical Thinking** — Job requires analyzing information and using logic to address work-related issues and problems.

Workforce Characteristics

Wages & Employment Trends

Median wage data for **Clinical Laboratory Technologists and Technicians**.

Employment data for **Clinical Laboratory Technologists and Technicians**.

Industry data for **Clinical Laboratory Technologists and Technicians**.

Median wages (2021)

\$27.79 hourly, \$57,800 annual

State wages

Select a State

Go

Local wages

ZIP Code	<input type="text"/>	Go
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Employment (2020)

335,500 employees

Projected growth (2020-2030)

■■■■■ Faster than average (10% to 15%)

Projected job openings (2020-2030)

25,900

State trends

Select a State	Go
----------------	----

Top industries (2020)

[Health Care and Social Assistance](#)

Source: Bureau of Labor Statistics [2021 wage data](#) and [2020-2030 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period (2020-2030). "Projected job openings" represent openings due to growth and replacement.

Job Openings on the Web

State job openings

Select a State	Go
----------------	----

Local job openings

ZIP Code	<input type="text"/>	Go
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More Information

Related Occupations

▼ 5 of 8 displayed

- [Radiation Therapists](#)
- [Medical and Clinical Laboratory Technologists](#) ⚙️ **Bright Outlook**
- [Cardiovascular Technologists and Technicians](#)
- [Diagnostic Medical Sonographers](#) ⚙️
- [Nuclear Medicine Technologists](#)

Sources of Additional Information

▼ 10 of 12 displayed

Disclaimer: Sources are listed to provide additional information on related jobs, specialties, and/or industries. Links to non-DOL Internet sites are provided for your convenience and do not constitute an endorsement.

- [AABB](#) 
- [Academy of Clinical Laboratory Physicians and Scientists](#) 
- [American Association of Bioanalysts](#) 
- [American Medical Technologists](#) 
- [American Society for Clinical Pathology](#) 
- [American Society of Cytopathology](#) 
- [Clinical Laboratory Management Association](#) 
- [College of American Pathologists](#) 
- [Coordinating Council on the Clinical Laboratory Workforce](#) 
- [National Accrediting Agency for Clinical Laboratory Sciences](#) 



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Site updated April 19, 2022

Wisconsin Diagnostic Laboratories • Milwaukee WI • 685664-003
Medical and Clinical Laboratory Technologist • 08-078261038-00-T
Exhibit A - Program Provisions

Approved: 3/1/2022

TERM OF APPRENTICESHIP: The term of apprenticeship shall be Time-based, which has been established to be 12 months of no less than 2329 hours. Hours of labor shall be the same as established for other skilled employees in the profession.

PROBATIONARY PERIOD: The probationary period shall be the first 3 months of the apprenticeship, but in no case shall it exceed twelve calendar months. During the probationary period, this contract may be cancelled by the apprentice or the sponsor upon written notice to the Department, without adverse impact on the sponsor.

SCHOOL ATTENDANCE: The apprentice shall attend the Wisconsin Technical College System or other approved training provider, as assigned, for paid related instruction four hours per week or the equivalent and satisfactorily complete the prescribed course material for a minimum of 329 hours, unless otherwise approved by the Department. The employer must pay the apprentice for attended related instruction hours at the same rate per hour as for services performed.

WORK PROCESS SCHEDULE: In order to obtain well-rounded training and thereby qualify as a skilled worker in the profession, the apprentice shall have experience and training in the following areas. This instruction and experience shall include the following operations but not necessarily in the sequence given. Time spent on specific operations need not be continuous.

<u>Work Process Description</u>	<u>Approximate Hours</u>		
	<u>(Min</u>	<u>-</u>	<u>Max)</u>
1. Perform blood gas testing a. Perform routine maintenance on laboratory instruments. b. Adhere to laboratory procedures. c. Operate laboratory instruments. d. Evaluate test results. e. Identify normal, abnormal, and critical values. f. Correlate test results to related findings. g. Report test results.			80
2. Perform carbohydrates testing a. Perform routine maintenance on laboratory instruments. b. Adhere to laboratory procedures. c. Operate laboratory instruments. d. Evaluate test results. e. Identify normal, abnormal, and critical values. f. Correlate test results to related findings. g. Report test results.			80
3. Perform electrolytes testing a. Perform routine maintenance on laboratory instruments. b. Adhere to laboratory procedures. c. Operate laboratory instruments. d. Evaluate test results. e. Identify normal, abnormal, and critical values. f. Correlate test results to related findings. g. Report test results.			80
4. Perform electrophoresis testing a. Perform routine maintenance on laboratory instruments.			120

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Exhibit A - Program Provisions

- b. Adhere to laboratory procedures.
 - c. Operate laboratory instruments.
 - d. Evaluate test results.
 - e. Identify normal, abnormal, and critical values.
 - f. Correlate test results to related findings.
 - g. Report test results.
5. Perform enzymes testing 120
- a. Perform routine maintenance on laboratory instruments.
 - b. Adhere to laboratory procedures.
 - c. Operate laboratory instruments.
 - d. Evaluate test results.
 - e. Identify normal, abnormal, and critical values.
 - f. Correlate test results to related findings.
 - g. Report test results.
6. Perform heme compounds testing 120
- a. Perform routine maintenance on laboratory instruments.
 - b. Adhere to laboratory procedures.
 - c. Operate laboratory instruments.
 - d. Evaluate test results.
 - e. Identify normal, abnormal, and critical values.
 - f. Correlate test results to related findings.
 - g. Report test results.
7. Perform hormones/vitamins testing 120
- a. Perform routine maintenance on laboratory instruments.
 - b. Adhere to laboratory procedures.
 - c. Operate laboratory instruments.
 - d. Evaluate test results.
 - e. Identify normal, abnormal, and critical values.
 - f. Correlate test results to related findings.
 - g. Report test results.
8. Perform immunochemistry testing 80
- a. Perform routine maintenance on laboratory instruments.
 - b. Adhere to laboratory procedures.
 - c. Operate laboratory instruments.
 - d. Evaluate test results.
 - e. Identify normal, abnormal, and critical values.
 - f. Correlate test results to related findings.
 - g. Report test results.
9. Perform lipids/lipoproteins testing 80
- a. Perform routine maintenance on laboratory instruments.
 - b. Adhere to laboratory procedures.
 - c. Operate laboratory instruments.
 - d. Evaluate test results.
 - e. Identify normal, abnormal, and critical values.
 - f. Correlate test results to related findings.
 - g. Report test results.
10. Perform non-protein nitrogen compounds testing 80
- a. Perform routine maintenance on laboratory instruments.

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Medical and Clinical Laboratory Technologist • 08-078261038-00-T
Exhibit A - Program Provisions

- b. Adhere to laboratory procedures.
 - c. Operate laboratory instruments.
 - d. Evaluate test results.
 - e. Identify normal, abnormal, and critical values.
 - f. Correlate test results to related findings.
 - g. Report test results.
11. Perform point-of-care testing 80
- a. Perform routine maintenance on laboratory instruments.
 - b. Adhere to laboratory procedures.
 - c. Operate laboratory instruments.
 - d. Evaluate test results.
 - e. Identify normal, abnormal, and critical values.
 - f. Correlate test results to related findings.
 - g. Report test results.
12. Perform proteins testing 80
- a. Perform routine maintenance on laboratory instruments.
 - b. Adhere to laboratory procedures.
 - c. Operate laboratory instruments.
 - d. Evaluate test results.
 - e. Identify normal, abnormal, and critical values.
 - f. Correlate test results to related findings.
 - g. Report test results.
13. Perform therapeutic drug monitoring testing 80
- a. Perform routine maintenance on laboratory instruments.
 - b. Adhere to laboratory procedures.
 - c. Operate laboratory instruments.
 - d. Evaluate test results.
 - e. Identify normal, abnormal, and critical values.
 - f. Correlate test results to related findings.
 - g. Report test results.
14. Perform toxicology testing 80
- a. Perform routine maintenance on laboratory instruments.
 - b. Adhere to laboratory procedures.
 - c. Operate laboratory instruments.
 - d. Evaluate test results.
 - e. Identify normal, abnormal, and critical values.
 - f. Correlate test results to related findings.
 - g. Report test results.
15. Perform blood smear, evaluation and differential testing 80
- a. Perform routine maintenance on laboratory instruments.
 - b. Adhere to laboratory procedures.
 - c. Operate laboratory instruments.
 - d. Evaluate test results.
 - e. Identify normal, abnormal, and critical values.
 - f. Correlate test results to related findings.
 - g. Report test results.
16. Perform complete blood count testing 120
- a. Perform routine maintenance on laboratory instruments.

Wisconsin Diagnostic Laboratories • Milwaukee WI • 685664-003
 Medical and Clinical Laboratory Technologist • 08-078261038-00-T
 Exhibit A - Program Provisions

b. Adhere to laboratory procedures.	
c. Operate laboratory instruments.	
d. Evaluate test results.	
e. Identify normal, abnormal, and critical values.	
f. Correlate test results to related findings.	
g. Report test results.	
17. Perform routine coagulation testing (e.g. PT APTT, D-dimer)	120
a. Perform routine maintenance on laboratory instruments.	
b. Adhere to laboratory procedures.	
c. Operate laboratory instruments.	
d. Evaluate test results.	
e. Identify normal, abnormal, and critical values.	
f. Correlate test results to related findings.	
g. Report test results.	
18. Local Work Processes	400
Paid Related Instruction	329
TOTAL	2329

The above schedule is to include all operations and such other work as is customary in the profession.

MINIMUM COMPENSATION TO BE PAID: (Per collective bargaining agreement)

1st period of 12 months at \$21.17 per hour

Base skilled wage rate \$26.58 per hour.

If at any time the base skilled wage rate rises or falls, the apprentice's wage shall be adjusted proportionately. The wage rate of apprentices employed in this profession and this firm shall be based on the base skilled wage rate stated above.

All apprentices are covered by State and Federal Wage and Hour Standard requirements. All apprentices shall be paid no less than the minimum wage established under regulations.

CREDIT PROVISIONS: The apprentice, granted credit at the start or during the term of the apprenticeship, shall be paid the wage rate of the pay period to which such credit advanced the apprentice.

Work credit hours approved: N/A

School credit hours approved: N/A
Paid related instruction:

Unpaid related instruction: N/A

Total credit hours to be applied to the term of the apprenticeship: N/A

SPECIAL PROVISIONS:

Prior to the registered apprenticeship, the applicant must do one of the following:

1. Obtain a baccalaureate degree from a regionally accredited college/university which meets educational DETA-10408-E (R. 12/2010)

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Medical and Clinical Laboratory Technologist • 08-078261038-00-T
Exhibit A - Program Provisions

CLIA requirements OR

2. Obtain a baccalaureate degree from a regionally accredited* college/university with a combination of 30 semester hours (45 quarter hours) in biology and chemistry, which may be obtained within, or in addition to, the baccalaureate degree.

During the registered apprenticeship, the apprentice must complete the following courses in which college-based lecture is combined with worksite-based skills development and practice: Basic Immunology; Clinical Chemistry; and Coagulation. The apprentice will receive a course competency checklist for each course from the instructor that is to be completed in tandem with the employer and returned to the instructor for assessment.

If the apprentice does not pass a course as outlined above, the apprentice must successfully complete the entire course as unpaid related instruction. If the employer is unable to provide the worksite-based skills development and practice for a specific course, the employer must pay the apprentice the same rate to attend the lab hours at the technical college.

Prior to completing the registered apprenticeship, the apprentice must do the following:

1. Obtain an American Society of Clinical Pathology Technologist in Chemistry or Technologist in Hematology certification.
2. Successfully complete Transition to Trainer.

January 10, 2022

Medical Lab Technician Apprenticeship Curriculum 2022
Course Distribution(Draft)

Spring 2022

- 1st 8 week block
 - Basic Lab Skills (online) – CLABT-110 (1cr)
 - Immunology (M/W 0830-1030)--clabt 115 (2 crs)
 - Basic hematology (M/W 1100 - 1500)--clabt 120 (3 crs)
- 2nd 8 week block
 - Coagulation (W 1100 - 1500)--clabt 121 (1cr)
 - Phlebotomy (Th 1600 - 1900)--clabt 111 (2 cr)

Fall 2022

- 1st 8 week block
 - QA lab math (online)--clabt-113 (1 cr)
 - Chemistry (M/W 1100-1500)--clabt 116 (4 crs)
 - Advanced Hematology (T 1100 - 1500)---clabt 130 (2 crs)
- 2nd 8 week block
 - Urinalysis (T 0830 - 1230)--clabt 114 (2 crs)

****Note: There is some flexibility here, Immunology, urinalysis, phlebotomy and coag would fit in either semester so this could be adjusted to fit the employers requirements.

Milwaukee Area Technical College

CLABT-110 Basic Lab Skills

Course Outcome Summary

Course Information

Description	This course explores health career options and the fundamental principles and procedures performed in the clinical laboratory. You will utilize medical terminology and basic laboratory equipment. You will follow required safety and infection control procedures and perform simple laboratory tests.
Total Credits	1
Total Hours	32

Types of Instruction

Instruction Type	Credits/Hours
Lab	1cr/32hrs

Target Population

This course is designed for students enrolled in the MLT/CLT program and others who are interested in developing basic laboratory skills.

Pre/Corequisites

Prerequisite Admission to either the Clinical Laboratory Technician (10-513-1) or Phlebotomy Diploma (30-513-1) program.

Career Essentials

1. Effective Communication in Writing
2. Mathematical Competency

Program Outcomes

1. Practice laboratory safety and regulatory compliance

Type	TSA	Status	WIP
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Summative Assessment Strategies

- 1.1. TSA Rubric

Criteria

- 1.1. Practice standard precautions
- 1.2. Locate emergency equipment
- 1.3. Demonstrate appropriate handling and disposal of biohazardous waste
- 1.4. Follow HIPAA regulations

2. Collect and process biological specimens

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

2.1. TSA Rubric

Criteria

- 2.1. Identify patient and specimens accurately
- 2.2. Process lab specimens per CLSI standards
- 2.3. Perform blood and other specimen collection procedures per CLSI standards

3. Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

3.1. TSA Rubric

Criteria

- 3.1. Perform procedures following laboratory guidelines
- 3.2. Recognize normal, abnormal and critical values
- 3.3. Operate laboratory instruments efficiently
- 3.4. Perform routine maintenance on laboratory instruments
- 3.5. Assist with troubleshooting
- 3.6. Determine reportability of results

4. Perform information processing in the clinical laboratory

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

4.1. TSA Rubric

Criteria

- 4.1. Perform accurate data entry
- 4.2. Review automated data for accuracy and consistency
- 4.3. Utilize Laboratory Information System (LIS)

External Standards

Title	National Accrediting Agency for Clinical Laboratory Sciences - MLT
Version/Date	June 2016
Association Status	Active
Sponsoring Organization	National Accrediting Agency for Clinical Laboratory Sciences
Origin URL	http://naaccls.org/getattachment/07662c8d-38ee-449a-a90f-9a7e8e8f5479/2012-Standards-Edited.aspx

Description

NAACLS Standards for Accredited and Approved Programs.

Target Standards

Collect, process, and analyze biological specimens and other substances

Perform assays

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Apply principles and practices of professional conduct

Explain the significance of continuing professional development

Course Competencies

1. Investigate laboratory science occupations

Linked Career Essentials

Effective Communication in Writing

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Explain the significance of continuing professional development

Assessment Strategies

1.1. oral, written, or skill assessment

Criteria

- 1.1. you identify all of the significant laboratory occupations at a score of 76.5% or higher
- 1.2. you include educational requirements of each laboratory occupation at a score of 76.5% or higher
- 1.3. you include certification and continuing education requirements of each laboratory occupation at a score of 76.5% or higher
- 1.4. you include occupational responsibilities of each laboratory occupation at a score of 76.5% or higher
- 1.5. you include occupational relationships with other health care providers at a score of 76.5% or higher

Learning Objectives

- 1.a. Describe laboratory science careers
- 1.b. Compare the various laboratory career options

2. Apply medical terminology to lab procedures and practices

Linked Program Outcomes

Collect and process biological specimens

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Perform information processing in the clinical laboratory

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Perform assays

Apply principles and practices of quality assessment

Assessment Strategies

2.1. oral, written, or skill assessment

Criteria

Your performance will be successful when:

- 2.1. you utilize correct medical terminology, procedures and practices at a score of 76.5% or higher
- 2.2. you correctly spell all terms, procedures, and practices at a score of 76.5% or higher
- 2.3. you correctly pronounce medical terms, procedures, and practices at a score of 76.5% or higher

Learning Objectives

- 2.a. Define medical terminology used in the laboratory
- 2.b. Utilize proper medical terminology used in the laboratory

3. Perform waived testing

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Collect and process biological specimens
Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria
Perform information processing in the clinical laboratory

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Perform assays

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Apply principles and practices of professional conduct

Assessment Strategies

3.1. oral, written, and/or skill demonstration

Criteria

Your performance will be successful when:

- 3.1. you select the correct tools, equipment, instruments, materials, supplies at a score of 76.5% or higher
- 3.2. you perform all critical steps in the right order at a score of 76.5% or higher
- 3.3. you position yourself correctly at a score of 76.5% or higher
- 3.4. you utilize correct procedure protocol, technique, method, and specimen at a score of 76.5% or higher
- 3.5. you correctly wear personal protective equipment of the time during all labs according to the MLT Laboratory Manual
- 3.6. you correctly follow infection prevention and safety procedures during all labs according to the MLT Laboratory Manual
- 3.7. you verbalize an explanation of the process as you perform it at a score of 76.5% or higher
- 3.8. your explanation presents sound reasoning as you describe the decisions you make throughout the process at a score of 76.5% or higher

Learning Objectives

- 3.a. Assemble the correct materials and supplies to perform waived testing
- 3.b. Demonstrate waived testing

4. Adhere to safety and infection control policies

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Assessment Strategies

4.1. oral, written, and/or skill demonstration

Criteria

Your performance will be successful when:

- 4.1. you correctly determine and access the appropriate manuals, safety equipment, PPE and institutional safety and infection control procedures according to the Laboratory Manual
- 4.2. you determine and correctly wear personal protective equipment according to the Laboratory Manual
- 4.3. you identify or perform all critical steps in the right order at a score of 76.5% or higher
- 4.4. you follow or explain infection prevention and safety procedures at a score of 76.5% or higher
- 4.5. you identify or verbalize an explanation of the process or procedure at a score of 76.5% or higher
- 4.6. your explanation demonstrates sound reasoning for the decisions you make concerning the process, procedure or scenario. at a score of 76.5% or higher

Learning Objectives

- 4.a. Describe safety procedures used in the health care setting
- 4.b. Describe infection controls procedures used in the health care setting

5. Use basic laboratory equipment

Linked Career Essentials

Mathematical Competency

Linked Program Outcomes

Collect and process biological specimens

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Perform assays

Apply principles and practices of quality assessment

Apply principles and practices of professional conduct

Assessment Strategies

5.1. oral, written, and/or skill demonstration

Criteria

Your performance will be successful when:

- 5.1. you select the correct equipment, instrument, materials, and supplies for each procedure at a score of 76.5% or higher
- 5.2. you demonstrate pipetting skills at a score of 76.5% or higher
- 5.3. you use lab glassware at a score of 76.5% or higher
- 5.4. you operate centrifuges and balances at a score of 76.5% or higher
- 5.5. you use a microscope and score 76.5% or higher on the assessment
- 5.6. you perform all critical steps in the right order at a score of 76.5% or higher
- 5.7. you utilize proper technique at a score of 76.5% or higher
- 5.8. you correctly wear personal protective equipment during all procedures according to Lab Manual
- 5.9. you correctly follow infection prevention and safety procedures during lab sessions according to the Lab Manual
- 5.10. you verbalize an explanation of the process as you perform it at a score of 76.5% or higher
- 5.11. your explanation presents sound reasoning as you describe the decisions you make throughout the process at a score of 76.5% or higher

Learning Objectives

- 5.a. Identify laboratory glassware
- 5.b. Use laboratory glassware
- 5.c. Use pipettes

6. Evaluate laboratory compliance with CLIA regulations

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Linked External Standards

Comply with safety and governmental regulations.

Apply principles and practices of professional conduct

Explain the significance of continuing professional development

Assessment Strategies

6.1. oral, written, and/or skill demonstration

Criteria

Your performance will be successful when:

- 6.1. you identify all major components of the CLIA regulation at a score of 76.5% or higher
- 6.2. you show the relationship of one component to another at a score of 76.5% or higher

- 6.3. you show a clear understanding of regulatory compliance at a score of 76.5% or higher
- 6.4. you include the proficiency testing process at a score of 76.5% or higher

Learning Objectives

- 6.a. Describe the role of CLIA in the laboratory
- 6.b. Describe the 3 levels of testing in the laboratory

Developed By:

WTCS Bank Import

Development Date:

11/1/2013

Revised By:

Saron Wilson

Saron Wilson

Patricia Cline

Revision Date:

3/15/2017

5/19/2017

5/23/2017

Milwaukee Area Technical College

CLABT-111 Phlebotomy

Course Outcome Summary

Course Information

Description	This course provides opportunities for learners to perform routine venipuncture, routine capillary puncture and special collection procedures.
Total Credits	2
Total Hours	48

Types of Instruction

Instruction Type	Credits/Hours
Lecture	1cr/16hrs
Lab	1cr/32hrs

Target Population

This course is designed for learners in the MLT/CLT or Phlebotomy program.

Pre/Corequisites

Prerequisite Completion of or currently enrolled in CLABT-110.

Career Essentials

1. Effective Problem Solving
2. Global Awareness

Program Outcomes

1. Practice laboratory safety and regulatory compliance

Type TSA *Status* WIP

Summative Assessment Strategies

1.1. TSA Rubric

Criteria

- 1.1. Practice standard precautions
- 1.2. Locate emergency equipment
- 1.3. Demonstrate appropriate handling and disposal of biohazardous waste
- 1.4. Follow HIPAA regulations

2. Collect and process biological specimens

Type TSA *Status* WIP

Summative Assessment Strategies

2.1. TSA Rubric

Criteria

- 2.1. Identify patient and specimens accurately
- 2.2. Process lab specimens per CLSI standards
- 2.3. Perform blood and other specimen collection procedures per CLSI standards

3. Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

3.1. TSA Rubric

Criteria

- 3.1. Perform procedures following laboratory guidelines
- 3.2. Recognize normal, abnormal and critical values
- 3.3. Operate laboratory instruments efficiently
- 3.4. Perform routine maintenance on laboratory instruments
- 3.5. Assist with troubleshooting
- 3.6. Determine reportability of results

4. Perform information processing in the clinical laboratory

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

4.1. TSA Rubric

Criteria

- 4.1. Perform accurate data entry
- 4.2. Review automated data for accuracy and consistency
- 4.3. Utilize Laboratory Information System (LIS)

5. Model professional behaviors, ethics, and appearance

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

5.1. TSA Rubric

Criteria

- 5.1. Arrive on time
- 5.2. Adhere to the clinical dress code
- 5.3. Demonstrate positive attitude
- 5.4. Communicate with colleagues and patients in a professional manner
- 5.5. Display respectful behavior
- 5.6. Apply ethical behaviors

External Standards

Title	National Accrediting Agency for Clinical Laboratory Sciences - MLT
Version/Date	June 2016
Association Status	Active
Sponsoring Organization	National Accrediting Agency for Clinical Laboratory Sciences
Origin URL	http://naaccls.org/getattachment/07662c8d-38ee-449a-a90f-9a7e8e8f5479/2012-Standards-Edited.aspx

Description

NAACLS Standards for Accredited and Approved Programs.

Target Standards

Collect, process, and analyze biological specimens and other substances

Describe principles and methodologies

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Apply principles and practices of professional conduct

Communicate sufficiently to serve the needs of patients, the public and members of the health care team

Course Competencies

1. Resolve problems related to specimen collection and processing

Linked Career Essentials

Effective Problem Solving

Linked Program Outcomes

Collect and process biological specimens

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Perform information processing in the clinical laboratory

Model professional behaviors, ethics, and appearance

Linked External Standards

Describe principles and methodologies

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Assessment Strategies

1.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

1.1. you include all significant specimen collection problem topics at a score of 76.5% or higher

1.2. you include significant characteristics of the problem at a score of 76.5% or higher

1.3. you include steps to resolve the problem at a score of 76.5% or higher

1.4. you utilize correct grammar, punctuation, and spelling according to the Phlebotomy/MLT Department standards

Learning Objectives

1.a. Write a report which includes all significant specimen collection

1.b. Write a report including significant characteristics of the problem

1.c. List step by steps to resolve the problem

2. Apply principles of patient test management

Linked Program Outcomes

Collect and process biological specimens

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Perform information processing in the clinical laboratory

Model professional behaviors, ethics, and appearance

Linked External Standards

Describe principles and methodologies

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Assessment Strategies

2.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

- 2.1. you collect specimens from the correct patients according to the Phlebotomy/MLT Department standards at a 76.5% or greater
- 2.2. patient identification includes all required components with according to the Phlebotomy/MLT Department standards at a 76.5% or greater
- 2.3. you collect the correct specimen for the tests ordered according to the Phlebotomy/MLT Department standards at a 76.5% or greater
- 2.4. you correctly verify the collected specimen against the laboratory orders according to the Phlebotomy/MLT Department standards at a 76.5% or greater
- 2.5. you correctly confirm completeness of laboratory requisition according to the Phlebotomy/MLT Department standards at a 76.5% or greater
- 2.6. you correctly log collected specimens into the laboratory according to the Phlebotomy/MLT Department standards at a 76.5% or greater

Learning Objectives

- 2.a. Collect specimens from the correct patients
- 2.b. Write a report which includes patient identification and all required components
- 2.c. Identify the correct specimen for the tests ordered

3. Control incidence of preanalytical variables in specimen collection

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Collect and process biological specimens

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Model professional behaviors, ethics, and appearance

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Describe principles and methodologies

Apply problem-solving and troubleshooting techniques

Apply principles and practices of professional conduct

Assessment Strategies

3.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

- 3.1. you define common preanalytical variables at a score of 76.5% or greater
- 3.2. you identify steps to reduce or eliminate incidence of preanalytical variables at a score of 76.5% or greater
- 3.3. you identify correct sample collection equipment for the procedure ordered at a score of 76.5% or greater
- 3.4. you identify correct specimen collection and handling procedures at a score of 76.5% or greater
- 3.5. you include relevant and necessary details at a score of 76.5% or greater

- 3.6. your summary is concise and follows the standards of the Phlebotomy/MLT Department
- 3.7. summary evidences correct grammar, punctuation and spelling according to the Phlebotomy/MLT Department standards

Learning Objectives

- 3.a. Define common preanalytical variables
- 3.b. Identify steps to reduce or eliminate incidence of preanalytical variables
- 3.c. Identify correct sample collection equipment for the procedure ordered

4. Process laboratory specimens

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Collect and process biological specimens
Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria
Perform information processing in the clinical laboratory

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Apply problem-solving and troubleshooting techniques

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Communicate sufficiently to serve the needs of patients, the public and members of the health care team

Assessment Strategies

- 4.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

- 4.1. you select correct equipment at a score of 76.5% or greater
- 4.2. you follow correct procedures at a score of 76.5% or greater
- 4.3. you perform all critical steps in the right order at a score of 76.5% or greater
- 4.4. you correctly wear personal protective equipment at all times in the laboratory according to the Phlebotomy/MLT Department standards
- 4.5. you correctly follow infection prevention and safety procedures at all times in the laboratory according to the Phlebotomy/MLT Department standards

Learning Objectives

- 4.a. Assemble correct equipment
- 4.b. Perform and follow correct procedures
- 4.c. Perform all critical steps in the right order

5. Perform venipuncture

Linked Career Essentials

Global Awareness

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Collect and process biological specimens
Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria
Model professional behaviors, ethics, and appearance

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Apply problem-solving and troubleshooting techniques

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Apply principles and practices of professional conduct

Communicate sufficiently to serve the needs of patients, the public and members of the health care team

Assessment Strategies

5.1. by successfully collecting blood specimens using appropriate venipuncture techniques

Criteria

Your performance will be successful when:

- 5.1. you select the correct blood collecting equipment and supplies at a score of 76.5% or greater
- 5.2. you perform all critical steps in the right order at a score of 76.5% or greater
- 5.3. you position yourself correctly at a score of 76.5% or greater
- 5.4. you utilize accepted venipuncture techniques at a score of 76.5% or greater
- 5.5. you correctly wear personal protective equipment according to the Phlebotomy/MLT Department standards
- 5.6. you correctly follow infection prevention and safety procedures according to the Phlebotomy/MLT Department standards
- 5.7. you verbalize an explanation of the process as you perform it at a score of 76.5% or greater
- 5.8. your explanation presents sound reasoning as you describe the decisions you make throughout the process at a score of 76.5% or greater
- 5.9. you apply principles of the circulatory system anatomy to the phlebotomy procedure at a score of 76.5% or greater
- 5.10. you exhibit professional communication, behaviors, and appearance according to the Phlebotomy/MLT Department standards

Learning Objectives

- 5.a. Select the correct blood collecting equipment and supplies
- 5.b. Perform all critical steps in the right order
- 5.c. Position yourself to achieve a successful venipuncture
- 5.d. Utilize accepted venipuncture
- 5.e. Select personal protective equipment
- 5.f. Follow infection prevention and safety procedures

6. Perform special blood collection techniques

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Collect and process biological specimens

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Model professional behaviors, ethics, and appearance

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Apply problem-solving and troubleshooting techniques

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Communicate sufficiently to serve the needs of patients, the public and members of the health care team

Assessment Strategies

6.1. by successfully collecting blood specimens using special collection techniques and equipment

Criteria

Your performance will be successful when:

- 6.1. you select the correct tools, equipment, materials, and supplies at a score of 76.5% or greater
- 6.2. you perform all critical steps in the right order at a score of 76.5% or greater
- 6.3. you position yourself correctly at a score of 76.5% or greater

- 6.4. you perform special procedures using techniques and equipment specified in procedure manual at a score of 76.5% or greater
- 6.5. you correctly wear personal protective equipment according to the Phlebotomy/MLT Department standards
- 6.6. you correctly follow infection prevention and safety procedures according to the Phlebotomy/MLT Department standards
- 6.7. you verbalize an explanation of the process as you perform it at a score of 76.5% or greater
- 6.8. your explanation presents sound reasoning as you describe the decisions you make throughout the process at a score of 76.5% or greater
- 6.9. you exhibit professional communication, behaviors, and appearance at a score of 76.5% or greater

Learning Objectives

- 6.a. Select the correct tools, equipment, materials, and supplies
- 6.b. Perform all critical steps in the right order
- 6.c. Correctly position yourself to achieve successful venipuncture draw
- 6.d. Perform special procedures using techniques and equipment specified in procedure manual

7. Explain special collection procedures

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Model professional behaviors, ethics, and appearance

Linked External Standards

Describe principles and methodologies

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Communicate sufficiently to serve the needs of patients, the public and members of the health care team

Assessment Strategies

- 7.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

- 7.1. your explanation includes the name of the procedure at a score of 76.5% or greater
- 7.2. your explanation includes the equipment and supplies needed at a score of 76.5% or greater
- 7.3. your explanation includes all steps of the procedure in the order they are performed at a score of 76.5% or greater
- 7.4. your explanation includes any result reporting requirements at a score of 76.5% or greater
- 7.5. your explanation includes any required result interpretation at a score of 76.5% or greater
- 7.6. you summarize the role of phlebotomist/MLT in collection and handling of non-blood specimens at a score of 76.5% or greater

Learning Objectives

- 7.a. Describe the procedure
- 7.b. Assemble the equipment and supplies needed
- 7.c. Summarize all steps of the procedure in the order they are performed

8. Perform capillary puncture

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Collect and process biological specimens

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Model professional behaviors, ethics, and appearance

Linked External Standards

Collect, process, and analyze biological specimens and other substances
Apply problem-solving and troubleshooting techniques
Apply principles and practices of quality assessment
Comply with safety and governmental regulations.
Apply principles and practices of professional conduct
Communicate sufficiently to serve the needs of patients, the public and members of the health care team

Assessment Strategies

8.1. by successfully collecting blood specimens using appropriate capillary puncture techniques

Criteria

Your performance will be successful when:

- 8.1. you select the correct blood collecting equipment and supplies at a score of 76.5% or greater
- 8.2. you perform all critical steps in the right order at a score of 76.5% or greater
- 8.3. you position yourself correctly at a score of 76.5% or greater
- 8.4. you utilize accepted capillary puncture techniques at a score of 76.5% or greater
- 8.5. you correctly wear personal protective equipment according to the Phlebotomy/MLT Department standards
- 8.6. you correctly follow infection prevention and safety procedures according to the Phlebotomy/MLT Department standards
- 8.7. you exhibit professional communication, behaviors, and appearance at a score of 76.5% or greater

Learning Objectives

- 8.a. Select the correct blood collecting equipment and supplies
- 8.b. Perform all critical steps in the right order
- 8.c. Position yourself to achieve successful capillary puncture
- 8.d. Utilize accepted capillary puncture techniques

9. Explore legal issues related to phlebotomy

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria
Model professional behaviors, ethics, and appearance

Linked External Standards

Comply with safety and governmental regulations.
Apply principles and practices of professional conduct

Assessment Strategies

9.1. Oral, Written and/or Skill Assessment

Criteria

- 9.1. you explain the Patient Bill of Rights at a score of 76.5% or greater
- 9.2. you relate HIPAA to phlebotomy practice at a score of 76.5% or greater
- 9.3. you define legal terms related to the standard of care in phlebotomy at a score of 76.5% or greater

Learning Objectives

- 9.a. Explain the Patient Bill of Rights
- 9.b. Correlate HIPAA to phlebotomy practice
- 9.c. Define legal terms related to the standard of care in phlebotomy

Milwaukee Area Technical College

CLABT-113 QA Lab Math

Course Outcome Summary

Course Information

Description	Focuses on performing the mathematical calculations routinely used in laboratory settings. You will explore the concepts of quality control and quality assurance in the laboratory. You will review regulatory compliance requirements and certification and continuing education programs.
Total Credits	1
Total Hours	16

Types of Instruction

Instruction Type	Credits/Hours
Lecture	1cr/16hrs

Target Population

This course is designed for students in the MLT/CLT program.

Pre/Corequisites

Prerequisite Admission to the Clinical Laboratory Technician program. (10-513-1).

Career Essentials

1. Mathematical Competency

Program Outcomes

1. Practice laboratory safety and regulatory compliance

Type TSA *Status* WIP

Summative Assessment Strategies

- 1.1. TSA Rubric

Criteria

- 1.1. Practice standard precautions
- 1.2. Locate emergency equipment
- 1.3. Demonstrate appropriate handling and disposal of biohazardous waste
- 1.4. Follow HIPAA regulations

2. Monitor and evaluate quality control in the laboratory

Type TSA *Status* WIP

Summative Assessment Strategies

2.1. TSA Rubric

Criteria

- 2.1. Take appropriate action
- 2.2. Assess acceptability of QC results
- 2.3. Use appropriate quality control protocol

3. Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Type TSA Status WIP

Summative Assessment Strategies

3.1. TSA Rubric

Criteria

- 3.1. Perform procedures following laboratory guidelines
- 3.2. Recognize normal, abnormal and critical values
- 3.3. Operate laboratory instruments efficiently
- 3.4. Perform routine maintenance on laboratory instruments
- 3.5. Assist with troubleshooting
- 3.6. Determine reportability of results

External Standards

Title	National Accrediting Agency for Clinical Laboratory Sciences - MLT
Version/Date	June 2016
Association Status	Active
Sponsoring Organization	National Accrediting Agency for Clinical Laboratory Sciences
Origin URL	http://naaccls.org/getattachment/07662c8d-38ee-449a-a90f-9a7e8e8f5479/2012-Standards-Edited.aspx

Description

NAACLS Standards for Accredited and Approved Programs.

Target Standards

- Apply problem-solving and troubleshooting techniques
- Apply principles and practices of quality assessment
- Comply with safety and governmental regulations.
- Explain the significance of continuing professional development

Course Competencies

1. Convert units of measurement

Linked Career Essentials

Mathematical Competency

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Apply problem-solving and troubleshooting techniques

Assessment Strategies

- 1.1. by converting units of measurement given instructor provided problems.

Criteria

Your performance will be successful when:

- 1.1. you convert Fahrenheit units to centigrade with a score of 76.5% or higher
- 1.2. you convert centigrade to Fahrenheit with a score of 76.5% or higher
- 1.3. you convert within commonly used metric units with a score of 76.5% or higher

Learning Objectives

- 1.a. Solve using formulas converting Fahrenheits to centigrade
- 1.b. Calculate common units using factors of 10

2. Calculate solutions and dilutions

Linked Career Essentials

Mathematical Competency

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Apply problem-solving and troubleshooting techniques

Comply with safety and governmental regulations.

Assessment Strategies

- 2.1. by calculating solutions and dilutions given instructor provided problems

Criteria

Your performance will be successful when:

- 2.1. calculations include a problem statement with a score of 76.5% or higher
- 2.2. calculations include each step in the process with a score of 76.5% or higher
- 2.3. calculations are legible and follow mathematical logic with a score of 76.5% or higher
- 2.4. calculations include answers with clearly labeled units of measurement with a score of 76.5% or higher
- 2.5. calculations include appropriate significant digits (numbers) with a score of 76.5% or higher
- 2.6. calculations are correct with a score of 76.5% or higher

Learning Objectives

- 2.a. Solve independent dilution problems
- 2.b. Solve serial dilution problems

3. Perform quality control calculations

Linked Career Essentials

Mathematical Competency

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Monitor and evaluate quality control in the laboratory

Linked External Standards

Comply with safety and governmental regulations.

Assessment Strategies

- 3.1. by performing calculations on problems provided by your instructor

Criteria

Your performance will be successful when:

- 3.1. you calculate mean with a score of 76.5% or higher
- 3.2. you calculate CV with a score of 76.5% or higher

- 3.3. you calculate standard deviation with a score of 76.5% or higher
- 3.4. you plot data on Levey-Jennings charts with a score of 76.5% or higher
- 3.5. calculations include each step in the process with a score of 76.5% or higher
- 3.6. calculations are legible and follow mathematical logic with a score of 76.5% or higher
- 3.7. calculations include answers with clearly labeled units of measurement with a score of 76.5% or higher
- 3.8. calculations include appropriate significant digits (numbers) with a score of 76.5% or higher
- 3.9. calculations are correct with a score of 76.5% or higher

Learning Objectives

- 3.a. Solve accurately calculating an average mean using calculator
- 3.b. Solve math problems using CV formula
- 3.c. Use data given graph out Levey-Jennings charts

4. Evaluate method selection

Linked Career Essentials

Mathematical Competency

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Monitor and evaluate quality control in the laboratory

Linked External Standards

Comply with safety and governmental regulations.

Explain the significance of continuing professional development

Assessment Strategies

- 4.1. Oral, Written and/or Skill Assessment

Criteria

- 4.1. you evaluate the data between different methods with a score of 76.5% or higher
- 4.2. you select a method or instrument with a score of 76.5% or higher
- 4.3. you provide a rationale for selection with a score of 76.5% or higher

Learning Objectives

- 4.a. Summarize different methods of instrumentation
- 4.b. Explain controls use base on methods of instrument use

5. Assess the value of a continuous quality management process

Linked Career Essentials

Mathematical Competency

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Monitor and evaluate quality control in the laboratory
Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Apply principles and practices of quality assessment

Explain the significance of continuing professional development

Assessment Strategies

- 5.1. Oral, Written and/or Skill Assessment

Criteria

- 5.1. you explain the quality improvement cycle following with a score of 76.5% or higher
- 5.2. you differentiate between quality control and quality assurance with a score of 76.5% or higher
- 5.3. you describe the role of quality improvement in the industry with a score of 76.5% or higher
- 5.4. you investigate common quality improvement activities following with a score of 76.5% or higher
- 5.5. you examine the the role of measurable goals in quality improvement with a score of 76.5% or higher

Learning Objectives

- 5.a. Explain how quality control is used in reporting patients' result
- 5.b. Compare quality control and quality assurance
- 5.c. Examine what makes quality control documentation necessary and important as it relates to patient's results.

Milwaukee Area Technical College

CLABT-114 Urinalysis

Course Outcome Summary

Course Information

Description	Prepares you to perform a complete urinalysis which includes physical, chemical and microscopic analysis. You will explore renal physiology and correlate urinalysis results with clinical conditions.
Total Credits	2
Total Hours	48

Types of Instruction

Instruction Type	Credits/Hours
Lecture	1cr/16hrs
Lab	1cr/32hrs

Target Population

This course is designed for students enrolled in the MLT/CLT program.

Pre/Corequisites

Pre/Corequisite	Completion of or currently enrolled in CLABT-110, and CLABT-113
Pre/Corequisite	Basic Lab Skills

Career Essentials

1. Technological Competency

Program Outcomes

1. **Practice laboratory safety and regulatory compliance**

<i>Type</i>	<i>TSA</i>	<i>Status</i>	<i>WIP</i>
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Summative Assessment Strategies

- 1.1. TSA Rubric

Criteria

- 1.1. Practice standard precautions
- 1.2. Locate emergency equipment
- 1.3. Demonstrate appropriate handling and disposal of biohazardous waste
- 1.4. Follow HIPAA regulations

2. **Collect and process biological specimens**

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

2.1. *TSA Rubric*

Criteria

- 2.1. Identify patient and specimens accurately
- 2.2. Process lab specimens per CLSI standards
- 2.3. Perform blood and other specimen collection procedures per CLSI standards

3. Monitor and evaluate quality control in the laboratory

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

3.1. *TSA Rubric*

Criteria

- 3.1. Take appropriate action
- 3.2. Assess acceptability of QC results
- 3.3. Use appropriate quality control protocol

4. Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

4.1. *TSA Rubric*

Criteria

- 4.1. Perform procedures following laboratory guidelines
- 4.2. Recognize normal, abnormal and critical values
- 4.3. Operate laboratory instruments efficiently
- 4.4. Perform routine maintenance on laboratory instruments
- 4.5. Assist with troubleshooting
- 4.6. Determine reportability of results

5. Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

5.1. *TSA Rubric*

Criteria

- 5.1. Recognize and correlate lab test results to hematology/coagulation findings
- 5.2. Recognize and correlate lab test results to chemistry findings
- 5.3. Recognize and correlate lab test results to blood bank findings
- 5.4. Recognize and correlate lab test results to microbiology findings
- 5.5. Recognize and correlate lab test results to immunology findings
- 5.6. Recognize and correlate lab test results to urinalysis findings
- 5.7. Correlate test results from multiple lab areas to diagnose patient clinical condition/disease

External Standards

Title	National Accrediting Agency for Clinical Laboratory Sciences - MLT
Version/Date	June 2016
Association Status	Active
Sponsoring Organization	National Accrediting Agency for Clinical Laboratory Sciences
Origin URL	http://naaccls.org/getattachment/07662c8d-38ee-449a-a90f-9a7e8e8f5479/2012-Standards-Edited.aspx

Description

NAACLS Standards for Accredited and Approved Programs.

Target Standards

Collect, process, and analyze biological specimens and other substances

Describe principles and methodologies

Perform assays

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Course Competencies

1. Summarize renal physiology

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

1.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

- 1.1. you depict all of the items in the process at a score of 76.5% or higher
- 1.2. you show the relationship of one step to another at a score of 76.5% or higher
- 1.3. you show a clear understanding of the topic at a score of 76.5% or higher

Learning Objectives

- 1.a. List the anatomy associated with renal physiology
- 1.b. Illustrate importance of renal physiology

2. Perform physical analysis

Linked Career Essentials

Technological Competency

Linked Program Outcomes

Collect and process biological specimens

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Perform assays

Assessment Strategies

2.1. by submitting a lab report

Criteria

Your performance will be successful when:

- 2.1. report includes correct patient identification at a score of 76.5% or higher
- 2.2. report includes color and clarity of urine at a score of 76.5% or higher

- 2.3. report results agree with known specimen values at a score of 76.5% or higher
- 2.4. report includes specific gravity results via a refractometer or osmometry at a score of 76.5% or higher
- 2.5. report is neatly written according to the MLT syllabus

Learning Objectives

- 2.a. Write in report sheet accurate patient's demographic
- 2.b. Write in report accurate urinalysis description

3. Perform chemical analysis of urine

Linked Career Essentials

Technological Competency

Linked Program Outcomes

Collect and process biological specimens

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Perform assays

Assessment Strategies

- 3.1. by submitting a lab report
- 3.2. Report correct results

Criteria

Your performance will be successful when:

- 3.1. report includes correct patient identification at a score of 76.5% or higher
- 3.2. report includes urine reagent strip results at a score of 76.5% or higher
- 3.3. report results agree with known specimen values at a score of 76.5% or higher at a score of 76.5% or higher
- 3.4. report includes results from appropriate confirmatory tests at a score of 76.5% or higher
- 3.5. report is neatly written according to the MLT syllabus

Learning Objectives

- 3.a. Write correct patient's chemical analysis in given report sheet
- 3.b. Perform urine reagent strip test with accurate results

4. Summarize chemical reactions included in a macroscopic urinalysis

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Describe principles and methodologies

Assessment Strategies

- 4.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

- 4.1. you describe the chemical reactions on reagent strip at a score of 76.5% or higher
- 4.2. you describe reactions involved in confirmatory tests at a score of 76.5% or higher
- 4.3. you evaluate results at a score of 76.5% or higher
- 4.4. you correlate results to physiology at a score of 76.5% or higher

Learning Objectives

- 4.a. Write on report sheet the chemical reactions from the reagent strip
- 4.b. Use appropriate confirmatory test to complete chemical reaction workups

5. Use a UA instrumentation

Linked Career Essentials

Technological Competency

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Monitor and evaluate quality control in the laboratory

Linked External Standards

Apply problem-solving and troubleshooting techniques
Apply principles and practices of quality assessment
Comply with safety and governmental regulations.

Assessment Strategies

5.1. using an automated reagent strip reader

Criteria

Your performance will be successful when:

- 5.1. you perform all critical steps in the right order at a score of 76.5% or higher
- 5.2. you correctly organize work area according to MLT Laboratory Manual
- 5.3. you correctly wear personal protective equipment according to the MLT Laboratory Manual
- 5.4. you correctly follow infection prevention and safety procedures according to the MLT Laboratory Manual
- 5.5. you provide an explanation of the process as you perform it at a score of 76.5% or higher
- 5.6. your explanation presents sound reasoning as you describe the decisions you make throughout the process at a score of 76.5% or higher

Learning Objectives

- 5.a. Perform all critical steps in urinalysis workups
- 5.b. Demonstrate the ability to manage multiply patients when using UA instrumentation

6. Interpret QC data

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Apply problem-solving and troubleshooting techniques

Assessment Strategies

6.1. performing quality control procedures as required and reporting your actions

Criteria

Your performance will be successful when:

- 6.1. report includes results of QC at a score of 76.5% or higher
- 6.2. report includes interpretation and necessary actions at a score of 76.5% or higher
- 6.3. report is complete and accurate at a score of 76.5% or higher

Learning Objectives

- 6.a. Complete report with accurate Quality Control results on report sheet
- 6.b. Compare Quality Controls results to patients' results on given report sheet

7. Perform microscopic urinalysis

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Collect and process biological specimens

Linked External Standards

Collect, process, and analyze biological specimens and other substances
Perform assays

Assessment Strategies

- 7.1. processing a specimen for microscopic analysis
- 7.2. submitting a lab report

Criteria

Your performance will be successful when:

- 7.1. you perform all critical steps in the right order at a score of 76.5% or higher
- 7.2. you correctly organize work area according to the MLT Laboratory Manual
- 7.3. you correctly wear personal protective equipment according to the MLT Laboratory Manual
- 7.4. you correctly follow infection prevention and safety procedures according to the MLT Laboratory Manual
- 7.5. you provide an explanation of the process as you perform it at a score of 76.5% or higher
- 7.6. your explanation presents sound reasoning as you describe the decisions you make throughout the process at a score of 76.5% or higher
- 7.7. report includes correct patient identification at a score of 76.5% or higher
- 7.8. report includes identification of formed elements at a score of 76.5% or higher

Learning Objectives

- 7.a. Demonstrate accurate use of the microscope
- 7.b. Perform multiply patients' test using microscopic

8. Correlate urinalysis results with disease states and conditions

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

- 8.1. by providing explanation for urinalysis results

Criteria

Your performance will be successful when:

- 8.1. analysis includes a description of the possible clinical conditions at a score of 76.5% or higher
- 8.2. analysis includes a list of criteria for evaluating the interpretation at a score of 76.5% or higher
- 8.3. analysis includes the interpretation selected by the learner at a score of 76.5% or higher
- 8.4. analysis includes an explanation of why the interpretation was selected at a score of 76.5% or higher
- 8.5. analysis is well organized at a score of 76.5% or higher
- 8.6. analysis evidences correct terminology at a score of 76.5% or higher

Learning Objectives

- 8.a. Compare urinalysis results with possible clinical conditions
- 8.b. Interpret possible renal condition given from urinalysis results

9. Explore testing methods on misc. specimens

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Comply with safety and governmental regulations.

Assessment Strategies

- 9.1. by summarizing testing methods for misc. specimens

Criteria

Your performance will be successful when:

- 9.1. summary includes testing methods for feces at a score of 76.5% or higher
- 9.2. summary includes testing methods for semen at a score of 76.5% or higher
- 9.3. summary includes clinical applications at a score of 76.5% or higher

Learning Objectives

- 9.a. Discuss other methods of testing samples tested in urinalysis department
- 9.b. Demonstrate confirmatory tests involved in processing other samples

Milwaukee Area Technical College

CLABT-115 Basic Immunology Concepts

Course Outcome Summary

Course Information

Description	Provides an overview of the immune system including laboratory testing methods for diagnosis of immune system disorders, viral and bacterial infections.
Total Credits	2
Total Hours	48

Types of Instruction

Instruction Type	Credits/Hours
Lecture	1cr/16hrs
Lab	1cr/32hrs

Target Population

This course is designed for students enrolled in the MLT/CLT program.

Pre/Corequisites

Pre/Corequisite Admission to the Clinical Laboratory Technician Program (10-513-1).

Career Essentials

1. Effective Communication Through Speaking and Listening

Program Outcomes

1. **Practice laboratory safety and regulatory compliance**

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

- 1.1. TSA Rubric

Criteria

- 1.1. Practice standard precautions
- 1.2. Locate emergency equipment
- 1.3. Demonstrate appropriate handling and disposal of biohazardous waste
- 1.4. Follow HIPAA regulations

2. **Collect and process biological specimens**

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

2.1. TSA Rubric

Criteria

- 2.1. Identify patient and specimens accurately
- 2.2. Process lab specimens per CLSI standards
- 2.3. Perform blood and other specimen collection procedures per CLSI standards

3. Monitor and evaluate quality control in the laboratory

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

3.1. TSA Rubric

Criteria

- 3.1. Take appropriate action
- 3.2. Assess acceptability of QC results
- 3.3. Use appropriate quality control protocol

4. Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

4.1. TSA Rubric

Criteria

- 4.1. Perform procedures following laboratory guidelines
- 4.2. Recognize normal, abnormal and critical values
- 4.3. Operate laboratory instruments efficiently
- 4.4. Perform routine maintenance on laboratory instruments
- 4.5. Assist with troubleshooting
- 4.6. Determine reportability of results

5. Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

5.1. TSA Rubric

Criteria

- 5.1. Recognize and correlate lab test results to hematology/coagulation findings
- 5.2. Recognize and correlate lab test results to chemistry findings
- 5.3. Recognize and correlate lab test results to blood bank findings
- 5.4. Recognize and correlate lab test results to microbiology findings
- 5.5. Recognize and correlate lab test results to immunology findings
- 5.6. Recognize and correlate lab test results to urinalysis findings
- 5.7. Correlate test results from multiple lab areas to diagnose patient clinical condition/disease

External Standards

Title	National Accrediting Agency for Clinical Laboratory Sciences - MLT
Version/Date	June 2016
Association Status	Active
Sponsoring Organization	National Accrediting Agency for Clinical Laboratory Sciences
Origin URL	http://naaccls.org/getattachment/07662c8d-38ee-449a-a90f-9a7e8e8f5479/2012-Standards-Edited.aspx

Description

NAACLS Standards for Accredited and Approved Programs.

Target Standards

Collect, process, and analyze biological specimens and other substances

Describe principles and methodologies

Perform assays

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Course Competencies

1. Summarize the functions of the immune system

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Describe principles and methodologies

Apply problem-solving and troubleshooting techniques

Assessment Strategies

1.1. Oral, Written and/or Graphic Assessment

Criteria

1.1. you identify the key functions of the innate immune system with a score of 76.5% or higher

1.2. you identify the key functions of the acquired immune system with a score of 76.5% or higher

1.3. you describe the relationship of one system to the other with a score of 76.5% or higher

Learning Objectives

1.a. Identify the key functions of the innate immune system

1.b. Identify the key functions of the acquired immune system

1.c. Describe the relationship of one system to the other

2. Characterize testing methodology used in immunodiagnostic testing

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Linked External Standards

Describe principles and methodologies

Explain the significance of clinical procedures and results

Assessment Strategies

2.1. Oral, Written and/or Graphic Assessment

Criteria

2.1. you explore the following methods: label immunoassays, precipitation, agglutination, flow cytometry-nephelometry, other emerging technologies with a score of 76.5% or higher

2.2. you describe the principles of each method with a score of 76.5% or higher

- 2.3. you evaluate appropriate uses of each method with a score of 76.5% or higher
- 2.4. you compare similarities between the types of reactions used in immunodiagnostic testing with a score of 76.5% or higher
- 2.5. you differentiate between the types of reactions used in immunodiagnostic testing with a score of 76.5% or higher

Learning Objectives

- 2.a. Explore the following methods: label immunoassays, precipitation, agglutination, flow cytometry-nephelometry, other emerging technologies
- 2.b. Describe the principles of each method
- 2.c. Evaluate appropriate uses of each method
- 2.d. Compare similarities between the types of reactions used in immunodiagnostic testing
- 2.e. Differentiate between the types of reactions used in immunodiagnostic testing

3. Correlate pathophysiology to immune disorders

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Assessment Strategies

- 3.1. Oral, Written and/or Graphic Assessment

Criteria

- 3.1. you describe immune disorders meeting MLT standards with a score of 76.5% or higher
- 3.2. you explain the etiology of the immune disorder meeting MLT standards with a score of 76.5% or higher
- 3.3. you explain the epidemiology of the immune disorder meeting MLT standards with a score of 76.5% or higher
- 3.4. you describe signs, symptoms, and treatments of the immune disorder meeting MLT standards with a score of 76.5% or higher

Learning Objectives

- 3.a. Describe immune disorders meeting MLT standards
- 3.b. Explain the etiology of the immune disorder meeting MLT standards
- 3.c. Explain the epidemiology of the immune disorder meeting MLT standards
- 3.d. Describe signs, symptoms, and treatments of the immune disorder meeting MLT standards

4. Correlate lab results to disease states

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Explain the significance of clinical procedures and results

Comply with safety and governmental regulations.

Assessment Strategies

- 4.1. Oral, Written and/or Graphic Assessment

Criteria

Your performance will be successful when:

- 4.1. you differentiate between acute and convalescent testing with a score of 76.5% or higher

- 4.2. you evaluate immune status with a score of 76.5% or higher
- 4.3. you select appropriate test sequence for the disease state with a score of 76.5% or higher

Learning Objectives

- 4.a. Differentiate between acute and convalescent testing
- 4.b. Evaluate immune status
- 4.c. Select appropriate test sequence for the disease state

5. Perform immunodiagnostic testing

Linked Program Outcomes

Collect and process biological specimens
Monitor and evaluate quality control in the laboratory

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Perform assays

Explain the significance of clinical procedures and results

Assessment Strategies

- 5.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

- 5.1. lab report includes a title page with the title of the experiment, the date it was performed, and the individual who conducted the experiment with a score of 76.5% or higher
- 5.2. lab report includes an overview of the procedure used for the lab with a score of 76.5% or higher
- 5.3. lab report includes a list of the materials, equipment, and steps used to conduct the experiment with a score of 76.5% or higher
- 5.4. lab report includes a summary of the results with a score of 76.5% or higher
- 5.5. lab results are presented in standard laboratory reporting and by manufacturer directions with a score of 76.5% or higher
- 5.6. lab report includes a description of the conclusions you drew and why with a score of 76.5% or higher
- 5.7. lab report is well organized; sections are clearly marked with appropriate headings with a score of 76.5% or higher
- 5.8. lab report uses appropriate scientific vocabulary with a score of 76.5% or higher

Learning Objectives

- 5.a. Write a lab report which includes a title page with the title of the experiment, the date it was performed, and the individual who conducted the experiment
- 5.b. Write a lab report which includes an overview of the procedure used for the lab
- 5.c. Write a lab report which includes a list of the materials, equipment, and steps used to conduct the experiment

Milwaukee Area Technical College

CLABT-116 Clinical Chemistry

Course Outcome Summary

Course Information

Description	Introduces clinical chemistry techniques and procedures for routine analysis using photometric, potentiometric and separation techniques. Topics in this course include pathophysiology and methodologies for carbohydrate, lipids, proteins, renal function and blood gas analysis.
Total Credits	4
Total Hours	96

Types of Instruction

Instruction Type	Credits/Hours
Lecture	2cr/32hrs
Lab	2cr/64hrs

Pre/Corequisites

Prerequisite CLABT-113

Career Essentials

1. Effective Communication Through Speaking and Listening

Program Outcomes

1. Practice laboratory safety and regulatory compliance

Type TSA *Status* WIP

Summative Assessment Strategies

1.1. TSA Rubric

Criteria

- 1.1. Practice standard precautions
- 1.2. Locate emergency equipment
- 1.3. Demonstrate appropriate handling and disposal of biohazardous waste
- 1.4. Follow HIPAA regulations

2. Collect and process biological specimens

Type TSA *Status* WIP

Summative Assessment Strategies

2.1. TSA Rubric

Criteria

- 2.1. Identify patient and specimens accurately
- 2.2. Process lab specimens per CLSI standards
- 2.3. Perform blood and other specimen collection procedures per CLSI standards

3. Monitor and evaluate quality control in the laboratory

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

- 3.1. TSA Rubric

Criteria

- 3.1. Take appropriate action
- 3.2. Assess acceptability of QC results
- 3.3. Use appropriate quality control protocol

4. Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

- 4.1. TSA Rubric

Criteria

- 4.1. Perform procedures following laboratory guidelines
- 4.2. Recognize normal, abnormal and critical values
- 4.3. Operate laboratory instruments efficiently
- 4.4. Perform routine maintenance on laboratory instruments
- 4.5. Assist with troubleshooting
- 4.6. Determine reportability of results

5. Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

- 5.1. TSA Rubric

Criteria

- 5.1. Recognize and correlate lab test results to hematology/coagulation findings
- 5.2. Recognize and correlate lab test results to chemistry findings
- 5.3. Recognize and correlate lab test results to blood bank findings
- 5.4. Recognize and correlate lab test results to microbiology findings
- 5.5. Recognize and correlate lab test results to immunology findings
- 5.6. Recognize and correlate lab test results to urinalysis findings
- 5.7. Correlate test results from multiple lab areas to diagnose patient clinical condition/disease

External Standards

Title	National Accrediting Agency for Clinical Laboratory Sciences - MLT
Version/Date	June 2016
Association Status	Active
Sponsoring Organization	National Accrediting Agency for Clinical Laboratory Sciences
Origin URL	http://naaccls.org/getattachment/07662c8d-38ee-449a-a90f-9a7e8e8f5479/2012-Standards-Edited.aspx

Description

NAACLS Standards for Accredited and Approved Programs.

Target Standards

Collect, process, and analyze biological specimens and other substances

Describe principles and methodologies

Perform assays

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Course Competencies

1. Summarize the theory of chemistry methodologies

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Monitor and evaluate quality control in the laboratory

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Describe principles and methodologies

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Assessment Strategies

1.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

1.1. you explain the principles of potentiometry with a score of 76.5% or higher

1.2. you describe separation techniques (ELP and Chromatography) with a score of 76.5% or higher

1.3. you explain the principles of photometry with a score of 76.5% or higher

1.4. you explain the principles of enzymatic reactions with a score of 76.5% or higher

Learning Objectives

1.a. Perform a test using the principle of photometry

1.b. Summarize the steps of an enzymatic reactions

2. Perform chemical analysis using instrumentation

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Collect and process biological specimens

Linked External Standards

Perform assays

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Assessment Strategies

2.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

- 2.1. lab report includes demographic data with a score of 76.5% or higher
- 2.2. lab report includes test results with a score of 76.5% or higher
- 2.3. lab report includes references ranges with a score of 76.5% or higher
- 2.4. lab report includes calculated lab data with a score of 76.5% or higher
- 2.5. lab results include verification of controls and patient test results with a score of 76.5% or higher
- 2.6. lab report includes correlation of lab data with possible diseases with a score of 76.5% or higher
- 2.7. lab report includes a description(s) methodologies with a score of 76.5% or higher
- 2.8. lab report includes verification of calibration data with a score of 76.5% or higher

Learning Objectives

- 2.a. Write a lab report which includes accurate patient's demographic information
- 2.b. Write a lab report which includes accurate patient's test results

3. Evaluate renal function

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

- 3.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

- 3.1. you discuss the theory of renal function tests with a score of 76.5% or higher
- 3.2. you evaluate renal function test results with a score of 76.5% or higher
- 3.3. you correlate renal tests results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

- 3.a. Perform renal tests
- 3.b. List all of the test used to diagnose renal function

4. Evaluate enzymatic reactions

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

- 4.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

- 4.1. you discuss the theory of enzymatic reaction tests with a score of 76.5% or higher
- 4.2. you evaluate test results with a score of 76.5% or higher

4.3. you correlate results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

- 4.a. Summarize enzymatic reactions as it relates to disease states
- 4.b. Analyze each enzymatic result related to disease state or condition

5. Evaluate protein function

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

- 5.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

- 5.1. you discuss the theory of protein analysis with a score of 76.5% or higher
- 5.2. you evaluate test results with a score of 76.5% or higher
- 5.3. you correlate results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

- 5.a. Analyze protein test results
- 5.b. Perform protein tests

6. Evaluate carbohydrate function

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

- 6.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

- 6.1. you discuss the theory of carbohydrate analysis with a score of 76.5% or higher
- 6.2. you evaluate test results with a score of 76.5% or higher
- 6.3. you correlate results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

- 6.a. Analyze carbohydrate tests
- 6.b. Analyze critical reference ranges associated with glucose testing
- 6.c. Perform carbohydrate tests

7. Evaluate electrolytes

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

7.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

- 7.1. you discuss the theory of electrolyte analysis with a score of 76.5% or higher
- 7.2. you evaluate test results with a score of 76.5% or higher
- 7.3. you correlate results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

- 7.a. Perform electrolyte tests
- 7.b. Calculate anion gap
- 7.c. Describe appropriate specimen sample for electrolyte testing

8. Evaluate hepatic function

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

8.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

- 8.1. you discuss the theory of hepatic analysis with a score of 76.5% or higher
- 8.2. you evaluate test results with a score of 76.5% or higher
- 8.3. you correlate results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

- 8.a. Perform hepatic tests
- 8.b. Explain critical tests associated with hepatic disease

9. Evaluate blood gasses

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Assessment Strategies

9.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

- 9.1. you discuss the theory of blood gas analysis with a score of 76.5% or higher
- 9.2. you evaluate test results with a score of 76.5% or higher
- 9.3. you correlate results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

- 9.a. Perform the test
- 9.b. Analyze sample collection of blood gases

10. Evaluate lipids

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Explain the significance of clinical procedures and results

Assessment Strategies

- 10.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

- 10.1. you discuss the theory of lipid analysis with a score of 76.5% or higher
- 10.2. you evaluate test results with a score of 76.5% or higher
- 10.3. you correlate results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

- 10.a. Explain the appropriate sample to collect for lipid testing
- 10.b. Perform lipid testings

11. Evaluate cardiac function

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

- 11.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

- 11.1. you discuss the theory of cardiac analysis with a score of 76.5% or higher
- 11.2. you evaluate test results with a score of 76.5% or higher
- 11.3. you correlate results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

- 11.a. Perform tests related to cardiac analysis
- 11.b. Outline tests associated with cardiac analysis

12. Evaluate tumor markers

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Describe principles and methodologies

Explain the significance of clinical procedures and results

Assessment Strategies

12.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

12.1. you discuss the theory of tumor marker analysis with a score of 76.5% or higher

12.2. you evaluate test results with a score of 76.5% or higher

12.3. you correlate results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

12.a. Analyze appropriate sample collections associated with tumor markers

12.b. List tests associated with tumor marker analysis

13. Evaluate endocrine function

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Describe principles and methodologies

Explain the significance of clinical procedures and results

Assessment Strategies

13.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

13.1. you discuss the theory of endocrine function analysis with a score of 76.5% or higher

13.2. you evaluate test results with a score of 76.5% or higher

13.3. you correlate results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

13.a. Perform endocrine function analysis

13.b. List tests associated with endocrine system

14. Evaluate body fluids

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

14.1. Oral, Written and/or Skill Assessment

Criteria

Performance will be satisfactory when:

14.1. you discuss the theory of body fluid analysis with a score of 76.5% or higher

14.2. you evaluate test results with a score of 76.5% or higher

14.3. you correlate results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

- 14.a. Discuss different types of irretrievable body fluids
- 14.b. Explain the importance of irretrievable body fluids

15. Evaluate toxicology and TDM**Linked Career Essentials**

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Explain the significance of clinical procedures and results

Assessment Strategies

- 15.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

- 15.1. you discuss the theory of toxicology and TDM analysis with a score of 76.5% or higher
- 15.2. you evaluate test results with a score of 76.5% or higher
- 15.3. you correlate results with diagnosis, treatment, and prognosis with a score of 76.5% or higher

Learning Objectives

- 15.a. Discuss the importance of toxicology and TDM analysis in the lab
- 15.b. Evaluate test results

Milwaukee Area Technical College

CLABT-120 Basic Hematology

Course Outcome Summary

Course Information

Description	Covers the theory and principles of blood cell production and function, and introduces you to basic practices and procedures in the hematology laboratory.
Total Credits	3
Total Hours	80

Types of Instruction

Instruction Type	Credits/Hours
Lecture	1cr/16hrs
Lab	2cr/64hrs

Target Population

This course is designed for students enrolled in the MLT/CLT program.

Pre/Corequisites

Corequisite	CLABT-110, CLABT-111, CLABT-113, CLABT-115
Prerequisite	General Anatomy and Physiology

Career Essentials

1. Mathematical Competency

Program Outcomes

1. Practice laboratory safety and regulatory compliance

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

- 1.1. TSA Rubric

Criteria

- 1.1. Practice standard precautions
- 1.2. Locate emergency equipment
- 1.3. Demonstrate appropriate handling and disposal of biohazardous waste
- 1.4. Follow HIPAA regulations

2. Collect and process biological specimens

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

2.1. TSA Rubric

Criteria

- 2.1. Identify patient and specimens accurately
- 2.2. Process lab specimens per CLSI standards
- 2.3. Perform blood and other specimen collection procedures per CLSI standards

3. Monitor and evaluate quality control in the laboratory

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

3.1. TSA Rubric

Criteria

- 3.1. Take appropriate action
- 3.2. Assess acceptability of QC results
- 3.3. Use appropriate quality control protocol

4. Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

4.1. TSA Rubric

Criteria

- 4.1. Perform procedures following laboratory guidelines
- 4.2. Recognize normal, abnormal and critical values
- 4.3. Operate laboratory instruments efficiently
- 4.4. Perform routine maintenance on laboratory instruments
- 4.5. Assist with troubleshooting
- 4.6. Determine reportability of results

5. Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

5.1. TSA Rubric

Criteria

- 5.1. Recognize and correlate lab test results to hematology/coagulation findings
- 5.2. Recognize and correlate lab test results to chemistry findings
- 5.3. Recognize and correlate lab test results to blood bank findings
- 5.4. Recognize and correlate lab test results to microbiology findings
- 5.5. Recognize and correlate lab test results to immunology findings
- 5.6. Recognize and correlate lab test results to urinalysis findings
- 5.7. Correlate test results from multiple lab areas to diagnose patient clinical condition/disease

External Standards

Title	National Accrediting Agency for Clinical Laboratory Sciences - MLT
Version/Date	June 2016
Association Status	Active
Sponsoring Organization	National Accrediting Agency for Clinical Laboratory Sciences
Origin URL	http://naaccls.org/getattachment/07662c8d-38ee-449a-a90f-9a7e8e8f5479/2012-Standards-Edited.aspx

Description

NAACLS Standards for Accredited and Approved Programs.

Target Standards

Collect, process, and analyze biological specimens and other substances

Describe principles and methodologies

Perform assays

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Course Competencies

1. Diagram the structure of a cell

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Describe principles and methodologies

Assessment Strategies

1.1. Oral, Written and/or Graphic Assessment

Criteria

1.1. you identify all of the parts of a cell at a score of 76.5% or higher

1.2. you describe the function of each cellular component at a score of 76.5% or higher

Learning Objectives

1.a. List the various parts of the cell

1.b. List the function of each cellular component

2. Summarize basic principles of platelet production and function

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

2.1. Oral, Written and/or Graphic Assessment

Criteria

2.1. you describe platelet maturation cycles at a score of 76.5% or higher

2.2. you identify stages of maturation at a score of 76.5% or higher

2.3. you describe general platelet functions at a score of 76.5% or higher

Learning Objectives

2.a. List the maturation of platelet production

2.b. Explain the general function of platelets

3. Summarize production and function of each white blood cell type

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

3.1. Oral, Written and/or Graphic Assessment

Criteria

- 3.1. you describe white blood cell maturation cycles at a score of 76.5% or higher
- 3.2. you identify stages of maturation at a score of 76.5% or higher
- 3.3. you describe general white blood cell functions at a score of 76.5% or higher

Learning Objectives

- 3.a. List the white blood cell maturation cycles
- 3.b. Explain the stages of maturation of white blood cell
- 3.c. Explain white blood cell functions

4. Summarize the production and function of red blood cells

Linked Program Outcomes

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Explain the significance of clinical procedures and results

Assessment Strategies

4.1. Oral, Written and/or Graphic Assessment

Criteria

- 4.1. you describe red blood cell maturation cycles at a score of 76.5% or higher
- 4.2. you identify stages of maturation at a score of 76.5% or higher
- 4.3. you describe general red blood cell functions at a score of 76.5% or higher

Learning Objectives

- 4.a. List the red blood cell maturation cycle
- 4.b. Explain the red blood cell maturation stages
- 4.c. Explain red blood cell function

5. Perform normal blood smear review and cell identification

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Collect and process biological specimens
Monitor and evaluate quality control in the laboratory

Linked External Standards

Collect, process, and analyze biological specimens and other substances
Perform assays

Assessment Strategies

5.1. by completing a blood smear evaluation report

Criteria

Your performance will be successful when:

- 5.1. report includes platelet estimate that agrees with assayed value at a score of 76.5% or higher
- 5.2. report includes WBC estimate that agrees with assayed value at a score of 76.5% or higher
- 5.3. report includes RBC morphology that agrees with assayed value at a score of 76.5% or higher
- 5.4. report includes WBC differential results that are within 95% confidence limits at a score of 76.5% or higher
- 5.5. report includes relevant comments at a score of 76.5% or higher
- 5.6. report includes proper sample identification at a score of 76.5% or higher
- 5.7. report includes results with proper units at a score of 76.5% or higher
- 5.8. report is neatly hand written according to the MLT Department standards

Learning Objectives

- 5.a. Compare normal blood smear review with abnormal values
- 5.b. Perform normal blood smear
- 5.c. Perform normal RBC morphology identification
- 5.d. Analyze WBC differentials

6. Perform hematology calculations

Linked Career Essentials

Mathematical Competency

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Apply problem-solving and troubleshooting techniques

Assessment Strategies

- 6.1. by calculating the following: RBC indices, absolute WBC counts, reticulocyte calculations, nucleated RBC corrections, dilutions, and hemacytometer calculations.

Criteria

Your performance will be successful when:

- 6.1. each calculation includes a problem statement at a score of 76.5% or higher
- 6.2. each calculation includes each step in the process at a score of 76.5% or higher
- 6.3. each calculation is legible and follow mathematical logic at a score of 76.5% or higher
- 6.4. each calculation includes answers with clearly labeled units of measurement at a score of 76.5% or higher
- 6.5. each calculation includes appropriate significant digits at a score of 76.5% or higher
- 6.6. each calculation is correct at a score of 76.5% or higher
- 6.7. each calculation includes interpretations when appropriate at a score of 76.5% or higher

Learning Objectives

- 6.a. Accurately calculate RBC indices, absolute WBC counts, reticulocyte calculations, nucleated RBC corrections, dilutions, and hemacytometer calculations.
- 6.b. Accurately calculate MCV, MCH, MCHC

7. Perform blood smear preparation and staining

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Monitor and evaluate quality control in the laboratory

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Perform assays

Assessment Strategies

- 7.1. by preparing a stained blood smear
- 7.2. by evaluating the quality of a stained blood smear
- 7.3. by writing a summary of the staining procedure

Criteria

Your performance will be successful when:

- 7.1. you perform all critical steps in the right order at a score of 76.5% or higher
- 7.2. you correctly organize work area according to the MLT Department standards
- 7.3. you correctly wear personal protective equipment according to the MLT Laboratory Manual
- 7.4. you correctly follow infection prevention and safety procedures according to the MLT Laboratory Manual
- 7.5. you provide an explanation of the process as you perform it at a score of 76.5% or higher
- 7.6. your explanation presents sound reasoning as you describe the decisions you make throughout the process at a score of 76.5% or higher

- 7.7. blood smear is properly prepared according to NCCLS criteria
- 7.8. blood smear is properly labeled according to the NCCLS criteria
- 7.9. blood smear is properly stained according to the NCCLS criteria
- 7.10. blood smear shows no artifacts according to the NCCLS criteria
- 7.11. you troubleshoot slide and stain quality and take appropriate action according to the NCCLS criteria
- 7.12. procedure summary includes staining principles at a score of 76.5% or higher
- 7.13. procedure summary includes limitations of procedure at a score of 76.5% or higher

Learning Objectives

- 7.a. Prepare a stained blood smear
- 7.b. Evaluate a stained blood smear

8. Perform hemacytometer cell counts

Linked Career Essentials

Mathematical Competency

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
 Collect and process biological specimens
 Monitor and evaluate quality control in the laboratory

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Perform assays

Assessment Strategies

- 8.1. Oral, Written and/or Skill Assessment

Criteria

- 8.1. you perform all critical steps in the right order at a score of 76.5% or higher
- 8.2. you organize work area at a score of 76.5% or higher
- 8.3. you correctly wear personal protective equipment according to the MLT Laboratory Manual
- 8.4. you correctly follow infection prevention and safety procedures according to the MLT Laboratory Manual
- 8.5. report includes cell count that agrees with determined value at a score of 76.5% or higher
- 8.6. report includes proper sample identification at a score of 76.5% or higher
- 8.7. report includes results with proper units at a score of 76.5% or higher
- 8.8. report includes relevant comments at a score of 76.5% or higher
- 8.9. summary includes principle of procedure at a score of 76.5% or higher
- 8.10. summary includes clinical applications at a score of 76.5% or higher
- 8.11. summary includes specimen requirements at a score of 76.5% or higher
- 8.12. summary includes reference intervals at a score of 76.5% or higher
- 8.13. summary includes limitations of procedure at a score of 76.5% or higher

Learning Objectives

- 8.a. Perform hemacytometer counts
- 8.b. Calculate hemacytometer counts
- 8.c. Interpret hemacytometer counts

9. Perform basic hematology procedures, including hematocrit, hemoglobin, ESR, and reticulocyte count

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
 Collect and process biological specimens

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Perform assays

Assessment Strategies

- 9.1. by analyzing a specimen for each of the laboratory procedures

- 9.2. by completing lab reports for each of the laboratory procedures
- 9.3. by preparing a summary of each of the laboratory procedures

Criteria

Your performance will be successful when:

- 9.1. you perform all critical steps in the right order by a score of 76.5% or higher
- 9.2. you organize work area according to MLT department standards
- 9.3. you wear personal protective equipment
- 9.4. you correctly follow infection prevention and safety procedures according to MLT Laboratory Manual
- 9.5. you provide an explanation of the process as you perform it by a score of 76.5% or higher
- 9.6. your explanation presents sound reasoning as you describe the decisions you make throughout the process by a score of 76.5% or higher
- 9.7. report includes results that agree with assayed values at a score of 76.5% or higher
- 9.8. report includes proper sample identification at a score of 76.5% or higher
- 9.9. report includes results with proper units at a score of 76.5% or higher
- 9.10. report includes relevant comments at a score of 76.5% or higher
- 9.11. summary includes principle of procedure at a score of 76.5% or higher
- 9.12. summary includes clinical application at a score of 76.5% or higher
- 9.13. summary includes specimen requirements at a score of 76.5% or higher
- 9.14. summary includes reference intervals at a score of 76.5% or higher
- 9.15. summary includes limitations of procedures at a score of 76.5% or higher

Learning Objectives

- 9.a. Perform basic hematology procedures, including hematocrit, hemoglobin, ESR, and reticulocyte counts
- 9.b. Evaluate basic hematology procedures, including hematocrit, hemoglobin, ESR, and reticulocyte counts

10. Operate hematology analyzer

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Collect and process biological specimens
Monitor and evaluate quality control in the laboratory

Linked External Standards

Apply principles and practices of quality assessment
Comply with safety and governmental regulations.

Assessment Strategies

- 10.1. Oral, Written and/or Skill Assessment

Criteria

- 10.1. you perform all critical steps in the right order at a score of 76.5% or higher
- 10.2. you organize work area according to the MLT Laboratory Manual
- 10.3. you correctly wear personal protective equipment according to the MLT Laboratory Manual
- 10.4. you follow safety and infection prevention procedures according to the MLT Laboratory Manual
- 10.5. you evaluate specimen integrity at a score of 76.5% or higher
- 10.6. you troubleshoot instrument problems and take appropriate action according to the MLT Laboratory Manual
- 10.7. you maintain appropriate records relating to instrument operation according to the MLT Laboratory Manual
- 10.8. report includes proper sample identification at a score of 76.5% or higher
- 10.9. report includes relevant comments at a score of 76.5% or higher
- 10.10. you describe different methodologies of hematology analyzers at a score of 76.5% or higher

Learning Objectives

- 10.a. Operate a hematology analyzer
- 10.b. Troubleshoot instrument problems and take appropriate action
- 10.c. Maintain appropriate records relating to instrument operation

11. Interpret hematology analyzer data

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Linked External Standards

Apply problem-solving and troubleshooting techniques

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Assessment Strategies

11.1. by preparing an oral, written or graphic analysis of hematology analyzer data

Criteria

Your performance will be successful when:

11.1. analysis includes comparison to normal values at a score of 76.5% or higher

11.2. analysis includes histogram evaluation at a score of 76.5% or higher

11.3. analysis identifies and explains possible causes for inappropriate and erroneous values at a score of 76.5% or higher

11.4. analysis includes possible actions for correcting inappropriate and erroneous values at a score of 76.5% or higher

11.5. analysis includes relevant comments at a score of 76.5% or higher

Learning Objectives

11.a. Evaluate data from a hematology analyzer

11.b. Interpret histograms generated from a hematology analyzer

12. Perform quality control procedures**Linked Program Outcomes**

Monitor and evaluate quality control in the laboratory

Linked External Standards

Apply problem-solving and troubleshooting techniques

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Assessment Strategies

12.1. by preparing an oral, written or graphic analysis of quality control report

Criteria

Your performance will be successful when:

12.1. report includes QC results at a score of 76.5% or higher

12.2. report includes QC data interpretation at a score of 76.5% or higher

12.3. report suggests possible corrective actions for QC problems at a score of 76.5% or higher

Learning Objectives

12.a. Perform quality control

12.b. Evaluate hematology quality control

Milwaukee Area Technical College

CLABT-121 Coagulation

Course Outcome Summary

Course Information

Description	Introduces the theory and principles of coagulation and explores mechanisms involved in coagulation disorders. Emphasis is placed upon laboratory techniques used to diagnose disease and monitor treatment.
Total Credits	1
Total Hours	32

Types of Instruction

Instruction Type	Credits/Hours
Laboratory	1cr/32hrs

Target Population

This course is designed for students enrolled in the MLT/CLT program.

Pre/Corequisites

Prerequisite Completion of or currently enrolled in CLABT-113.

Career Essentials

1. Effective Communication Through Speaking and Listening

Program Outcomes

1. Practice laboratory safety and regulatory compliance

Type TSA *Status* WIP

Summative Assessment Strategies

- 1.1. TSA Rubric

Criteria

- 1.1. Practice standard precautions
- 1.2. Locate emergency equipment
- 1.3. Demonstrate appropriate handling and disposal of biohazardous waste
- 1.4. Follow HIPAA regulations

2. Collect and process biological specimens

Type TSA *Status* WIP

Summative Assessment Strategies

2.1. TSA Rubric

Criteria

- 2.1. Identify patient and specimens accurately
- 2.2. Process lab specimens per CLSI standards
- 2.3. Perform blood and other specimen collection procedures per CLSI standards

3. Monitor and evaluate quality control in the laboratory

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

3.1. TSA Rubric

Criteria

- 3.1. Take appropriate action
- 3.2. Assess acceptability of QC results
- 3.3. Use appropriate quality control protocol

4. Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

4.1. TSA Rubric

Criteria

- 4.1. Perform procedures following laboratory guidelines
- 4.2. Recognize normal, abnormal and critical values
- 4.3. Operate laboratory instruments efficiently
- 4.4. Perform routine maintenance on laboratory instruments
- 4.5. Assist with troubleshooting
- 4.6. Determine reportability of results

5. Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

5.1. TSA Rubric

Criteria

- 5.1. Recognize and correlate lab test results to hematology/coagulation findings
- 5.2. Recognize and correlate lab test results to chemistry findings
- 5.3. Recognize and correlate lab test results to blood bank findings
- 5.4. Recognize and correlate lab test results to microbiology findings
- 5.5. Recognize and correlate lab test results to immunology findings
- 5.6. Recognize and correlate lab test results to urinalysis findings
- 5.7. Correlate test results from multiple lab areas to diagnose patient clinical condition/disease

External Standards

Title	National Accrediting Agency for Clinical Laboratory Sciences - MLT
Version/Date	June 2016
Association Status	Active
Sponsoring Organization	National Accrediting Agency for Clinical Laboratory Sciences
Origin URL	http://naaccls.org/getattachment/07662c8d-38ee-449a-a90f-9a7e8e8f5479/2012-Standards-Edited.aspx

Description

NAACLS Standards for Accredited and Approved Programs.

Target Standards

Collect, process, and analyze biological specimens and other substances

Describe principles and methodologies

Perform assays

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Course Competencies

1. Summarize theories and principles of hemostasis

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Describe principles and methodologies

Explain the significance of clinical procedures and results

Assessment Strategies

1.1. Summary of primary and secondary hemostasis through written/oral/graphic presentation.

Criteria

1.1. you identify platelet structure and function at a score of 76.5% or higher

1.2. you summarize principles of primary hemostasis at a score of 76.5% or higher

1.3. you summarize principles of secondary hemostasis at a score of 76.5% or higher

1.4. you correlate relationship between primary and secondary hemostasis at a score of 76.5% or higher

1.5. you summarize principles of fibrinolysis at a score of 76.5% or higher

Learning Objectives

1.a. Differentiate primary and secondary hemostasis.

1.b. Explain the steps of fibrinolysis.

2. Perform basic coagulation procedures

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Collect and process biological specimens

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Perform assays

Assessment Strategies

2.1. Lab Report

Criteria

2.1. you select the correct reagents, controls and specimens at a score of 76.5% or higher

2.2. you evaluate specimen acceptability at a score of 76.5% or higher

2.3. you perform all critical steps in the correct order at a score of 76.5% or higher

- 2.4. you correctly follow infection prevention and safety procedures according to the MLT Laboratory Manual
- 2.5. lab report includes correct patient identification at a score of 76.5% or higher
- 2.6. report results are accurate within specified limits at a score of 76.5% or higher
- 2.7. report includes QC results and interpretation at a score of 76.5% or higher
- 2.8. report includes actions taken to validate accuracy of results at a score of 76.5% or higher
- 2.9. you summarize principles of coagulation instrumentation at a score of 76.5% or higher

Learning Objectives

- 2.a. Perform Partial Thromboplastin Time on patient's plasma.
- 2.b. Perform a Prothrombin Time on patient's plasma.
- 2.c. Perform a Fibrinogen on patient's plasma.

3. Explain principles and techniques of special coagulation procedures

Linked Career Essentials

Effective Communication Through Speaking and Listening

Linked Program Outcomes

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Describe principles and methodologies

Apply problem-solving and troubleshooting techniques

Comply with safety and governmental regulations.

Assessment Strategies

- 3.1. by providing a summary
- 3.2. Summary of special coagulation tests by written/oral/graphic presentation

Criteria

Your performance will be successful when:

- 3.1. you select appropriate special procedures to evaluate hemostatic disorders with a score of 76.5% or higher.
- 3.2. summary identifies the different special coagulation techniques at a score of 76.5% or higher
- 3.3. summary includes only relevant and necessary details at a score of 76.5% or higher
- 3.4. you use correct terminology with a score of 76.5% or higher.
- 3.5. summary is concise without being sketch according to the MLT Department standards with a score of 76.5 or higher.
- 3.6. summary evidences correct terminology at a score of 76.5% or higher

Learning Objectives

- 3.a. Explain the theory of factory assays.
- 3.b. Explain the procedure of factor assays.

4. Correlate coagulation results with defects in primary hemostasis and bleeding and thrombotic disorders

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Monitor and evaluate quality control in the laboratory

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Explain the significance of clinical procedures and results

Comply with safety and governmental regulations.

Assessment Strategies

- 4.1. Explanation of primary hemostatic results by written/oral/graphic presentation

Criteria

- 4.1. you correlate pathophysiological disorders to primary hemostasis, bleeding and thrombotic defects at a score of 76.5% or higher
- 4.2. you identify primary hemostatic defects at a score of 76.5% or higher
- 4.3. analysis includes interpretation and evaluation of results at a score of 76.5% or higher
- 4.4. you suggest appropriate treatment for primary hemostatic disorders at a score of 76.5% or higher

Learning Objectives

- 4.a. Identify abnormal tests results of a patient.
- 4.b. Identify normal test results of a patient.

5. Correlate defects in secondary hemostasis with bleeding and thrombotic disorders

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Monitor and evaluate quality control in the laboratory
Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Perform assays

Explain the significance of clinical procedures and results

Comply with safety and governmental regulations.

Assessment Strategies

- 5.1. Explanation of primary hemostasis results by written/oral/graphic presentation

Criteria

- 5.1. you correlate pathophysiological disorders of secondary hemostasis, bleeding and thrombosis defects at a score of 76.5% or higher
- 5.2. you identify secondary hemostatic defects at a score of 76.5% or higher
- 5.3. analysis includes interpretation and evaluation of results at a score of 76.5% or higher
- 5.4. you suggest appropriate treatment for secondary hemostatic disorders at a score of 76.5% or higher

Learning Objectives

- 5.a. Identify abnormal test results of a patient.
- 5.b. Identify normal test results of a patient.

6. Correlate defects in the fibrinolytic system with bleeding and thrombotic disorders

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Monitor and evaluate quality control in the laboratory
Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Perform assays

Explain the significance of clinical procedures and results

Comply with safety and governmental regulations.

Assessment Strategies

- 6.1. Explanation of fibrinolytic results by written/oral/graphic presentation

Criteria

- 6.1. you correlate pathophysiology disorders of fibrinolytic defects at a score of 76.5% or higher
- 6.2. you correlate pathophysiological disorders of fibrinolysis, bleeding and thrombosis defects at a score of 76.5% or higher

- 6.3. you identify fibrinolytic hemostatic defects at a score of 76.5% or higher
- 6.4. analysis includes interpretation and evaluation of results at a score of 76.5% or higher
- 6.5. analysis evidences correct terminology at a score of 76.5% or higher

Learning Objectives

- 6.a. Identify abnormal test results of a patient.
- 6.b. Identify normal test results of a patient.

Developed By:

WTCS and all Colleges

Development Date:

12/16/2016

Revised By:

Saron Wilson and Victoria Swinnie

Revision Date:

10/24/2016

Milwaukee Area Technical College

CLABT-130 Advanced Hematology

Course Outcome Summary

Course Information

Description	Explores mechanisms involved in the development of hematological disorders. Emphasis is placed upon laboratory techniques used to diagnose disorders and monitor treatment.
Total Credits	2
Total Hours	48

Types of Instruction

Instruction Type	Credits/Hours
Lecture	1cr/16hrs
Lab	1cr/32hrs

Target Population

This course is designed for students enrolled in the MLT/CLT program.

Pre/Corequisites

Prerequisite CLABT-120, Basic Hematology

Career Essentials

1. Professionalism

Program Outcomes

1. Practice laboratory safety and regulatory compliance

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

- 1.1. TSA Rubric

Criteria

- 1.1. Practice standard precautions
- 1.2. Locate emergency equipment
- 1.3. Demonstrate appropriate handling and disposal of biohazardous waste
- 1.4. Follow HIPAA regulations

2. Collect and process biological specimens

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

2.1. TSA Rubric

Criteria

- 2.1. Identify patient and specimens accurately
- 2.2. Process lab specimens per CLSI standards
- 2.3. Perform blood and other specimen collection procedures per CLSI standards

3. Monitor and evaluate quality control in the laboratory

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

3.1. TSA Rubric

Criteria

- 3.1. Take appropriate action
- 3.2. Assess acceptability of QC results
- 3.3. Use appropriate quality control protocol

4. Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

4.1. TSA Rubric

Criteria

- 4.1. Perform procedures following laboratory guidelines
- 4.2. Recognize normal, abnormal and critical values
- 4.3. Operate laboratory instruments efficiently
- 4.4. Perform routine maintenance on laboratory instruments
- 4.5. Assist with troubleshooting
- 4.6. Determine reportability of results

5. Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Type *TSA* *Status* *WIP*

Summative Assessment Strategies

5.1. TSA Rubric

Criteria

- 5.1. Recognize and correlate lab test results to hematology/coagulation findings
- 5.2. Recognize and correlate lab test results to chemistry findings
- 5.3. Recognize and correlate lab test results to blood bank findings
- 5.4. Recognize and correlate lab test results to microbiology findings
- 5.5. Recognize and correlate lab test results to immunology findings
- 5.6. Recognize and correlate lab test results to urinalysis findings
- 5.7. Correlate test results from multiple lab areas to diagnose patient clinical condition/disease

External Standards

Title	National Accrediting Agency for Clinical Laboratory Sciences - MLT
Version/Date	June 2016
Association Status	Active
Sponsoring Organization	National Accrediting Agency for Clinical Laboratory Sciences
Origin URL	http://naaccls.org/getattachment/07662c8d-38ee-449a-a90f-9a7e8e8f5479/2012-Standards-Edited.aspx

Description

NAACLS Standards for Accredited and Approved Programs.

Target Standards

Collect, process, and analyze biological specimens and other substances

Describe principles and methodologies

Perform assays

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Course Competencies

1. Correlate hematology concepts and procedures with disorders of decreased RBC production

Linked Career Essentials

Professionalism

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Collect and process biological specimens

Monitor and evaluate quality control in the laboratory

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Describe principles and methodologies

Perform assays

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Apply principles and practices of quality assessment

Comply with safety and governmental regulations.

Assessment Strategies

1.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

1.1. you demonstrate a thorough understanding of concepts and procedures of decreased RBC production by a score of 76.5% or higher

1.2. you interpret laboratory test results by a score of 76.5% or higher

1.3. your report is supported by relevant evidence by a score of 76.5% or higher

1.4. your report is well organized according to MLT Department standards

1.5. your report evidences correct grammar, punctuation, and spelling by a score of 76.5% or higher

Learning Objectives

1.a. Discuss disorders of decreased rbc production

1.b. Explain procedures relating to disorders of decreased rbc production

2. Correlate hematology concepts and procedures with increased RBC destruction

Linked Career Essentials

Professionalism

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Collect and process biological specimens

Monitor and evaluate quality control in the laboratory

Apply modern clinical methodologies including problem solving and troubleshooting according to predetermined criteria

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Describe principles and methodologies

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Comply with safety and governmental regulations.

Assessment Strategies

2.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

2.1. you demonstrate a thorough understanding of concepts and procedures with increased RBC destruction by a score of 76.5% or higher

2.2. you include laboratory test results by a score of 76.5% or higher

2.3. your report is supported by relevant evidence by a score of 76.5% or higher

2.4. your report is well organized according to MLT Department standards

2.5. your report evidences correct grammar, punctuation, and spelling by a score of 76.5% or higher

Learning Objectives

2.a. Discuss disorders of increased rbc destruction

2.b. Explain procedures relating to disorders of increased rbc destruction

3. Correlate hematology concepts and procedures with non-malignant disorders of leukocytes

Linked Career Essentials

Professionalism

Linked Program Outcomes

Practice laboratory safety and regulatory compliance

Collect and process biological specimens

Monitor and evaluate quality control in the laboratory

Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Describe principles and methodologies

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Assessment Strategies

3.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

3.1. you demonstrate a thorough understanding of concepts and procedures with non-malignant disorders of

- leukocytes by a score of 76.5% or higher
- 3.2. you interpret laboratory test results by a score of 76.5% or higher
- 3.3. your report is supported by relevant evidence by a score of 76.5% or higher
- 3.4. your report is well organized according to MLT Department standards
- 3.5. your report evidences correct grammar, punctuation, and spelling by a score of 76.5% or higher

Learning Objectives

- 3.a. Discuss non-malignant disorders of leukocytes
- 3.b. Explain procedures relating to non-malignant disorders of leukocytes

4. Correlate hematology concepts and procedures with acute leukemias and myelodysplastic syndromes

Linked Program Outcomes

- Practice laboratory safety and regulatory compliance
- Collect and process biological specimens
- Monitor and evaluate quality control in the laboratory
- Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

- Collect, process, and analyze biological specimens and other substances
- Describe principles and methodologies
- Apply problem-solving and troubleshooting techniques
- Explain the significance of clinical procedures and results
- Apply principles and practices of quality assessment
- Comply with safety and governmental regulations.

Assessment Strategies

- 4.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

- 4.1. you demonstrate a thorough understanding of concepts and procedures with acute leukemias and myelodysplastic syndromes by a score of 76.5% or higher
- 4.2. you interpret laboratory test results by a score of 76.5% or higher
- 4.3. your report is supported by relevant evidence by a score of 76.5% or higher
- 4.4. your report is well organized according to MLT Department standards
- 4.5. your report evidences correct grammar, punctuation, and spelling by a score of 76.5% or higher

Learning Objectives

- 4.a. Discuss myelodysplastic syndromes
- 4.b. Discuss acute leukemias
- 4.c. Explain procedures relating to myelodysplastic syndromes
- 4.d. Explain procedures relating to acute leukemias

5. Correlate hematology concepts and procedures with chronic myeloproliferative disorders

Linked Program Outcomes

- Practice laboratory safety and regulatory compliance
- Collect and process biological specimens
- Monitor and evaluate quality control in the laboratory
- Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

- Collect, process, and analyze biological specimens and other substances
- Describe principles and methodologies
- Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Comply with safety and governmental regulations.

Assessment Strategies

5.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

- 5.1. you demonstrate a thorough understanding of concepts and procedures with chronic myeloproliferative disorders by a score of 76.5% or higher
- 5.2. you interpret laboratory test results by a score of 76.5% or higher
- 5.3. your report is supported by relevant evidence by a score of 76.5% or higher
- 5.4. your report is well organized according to MLT Department Standards
- 5.5. your report evidences correct grammar, punctuation, and spelling by a score of 76.5% or higher

Learning Objectives

- 5.a. Discuss myeloproliferative disorders
- 5.b. Explain procedures relating to myeloproliferative disorders

6. Correlate hematology concepts and procedures with malignant lymphoproliferative disorders

Linked Program Outcomes

Practice laboratory safety and regulatory compliance
Collect and process biological specimens
Monitor and evaluate quality control in the laboratory
Correlate laboratory results to diagnosis of clinical conditions and/or diseases

Linked External Standards

Collect, process, and analyze biological specimens and other substances

Describe principles and methodologies

Apply problem-solving and troubleshooting techniques

Explain the significance of clinical procedures and results

Comply with safety and governmental regulations.

Assessment Strategies

6.1. Oral, Written and/or Skill Assessment

Criteria

Your performance will be successful when:

- 6.1. you demonstrate a thorough understanding of concepts and procedures with malignant lymphoproliferative disorders by a score of 76.5% or higher
- 6.2. you interpret laboratory test results by a score of 76.5% or higher
- 6.3. your report is supported by relevant evidence by a score of 76.5% or higher
- 6.4. your report is well organized according to MLT Department standards
- 6.5. your report evidences correct grammar, punctuation, and spelling by a score of 76.5% or higher

Learning Objectives

- 6.a. Discuss lymphoproliferative disorders
- 6.b. Explain procedures relating lymphoproliferative disorders

Developed By:

WTCS

Development Date:

9/2016

Revised By:

James Manto

James Manto

Victoria Swinnie

Victoria Swinnie

Revision Date:

5/24/2017

2/22/2018

5/11/2018

11/12/2021

MATC Legislative Update

May 2022

The 2021-22 Legislative Session is now adjourned.

Legislative Study Committees

A Legislative Council Study Committee on **Increasing Offender Employment Opportunities** has been created and will be co-chaired by State Senator Mary Felzkowski and State Representative Michael Schraa.

Committee Scope: *The study committee is directed to review existing impediments to employment and job training for individuals who are incarcerated or recently released and to recommend legislation following its review. The committee shall explore ways to expand connections between private employers and potential employees who are incarcerated in state institutions or on extended supervision, explore vocational earned release programs for possible implementation, consider release location flexibility based on employment opportunities, and evaluate other methods for improving job prospects for the offender population.*

A Legislative Study Committee on **Occupational Licenses** has been created and will be co-chaired by Senator Rob Stafsholt and Representative Shae Sortwell.

Committee Scope: *The study committee is directed to review the current occupational licensing system administered by the Department of Safety and Professional Services. The committee shall review prior recommendations made by the department regarding any current laws requiring occupational credentials that may be eliminated without clearly harming or endangering the health, safety, or welfare of the public. The committee shall also review whether it is necessary to implement systems of review both to determine the necessity of legislative proposals for new occupational credentials, and to periodically review the appropriateness of maintaining current occupational credential requirements. Lastly, the committee shall review options to expand access to individuals from other states to receive a reciprocal credential to practice in Wisconsin. Following these reviews, the committee shall recommend legislation on current credentials that may be eliminated, on systems for review of new and existing occupational credentials, and on the issuance of reciprocal credentials.*

Federal

President Biden's FY23 budget request includes \$88.3 billion in discretionary funding for the Department of Education (ED), an 15% increase from FY22 funding levels. The proposal includes a \$1,775 increase from FY22 to the maximum award of Pell Grants. The Appropriations Committees in the House of Representatives and Senate are currently accepting input from Members of Congress to outline their funding priorities.

The Biden Administration announced extension of the federal student loan repayment pause to August 31, 2022. The repayment pause was first put in place at the onset of the COVID-19 pandemic and was scheduled to end on May 1, 2022. With the extension, interest rates on federal student loans will remain at 0% and all accounts will remain in forbearance, unless borrowers have opted out. This extension includes plans to allow borrowers previously in default to receive a "fresh start" on repayment by eliminating the impact of delinquency and default and allowing them to reenter repayment in good standing. More information for borrowers can be found at [StudentAid.gov](https://studentaid.gov).

Redistricting

The Wisconsin Supreme Court ruled 4-3 to implement maps GOP lawmakers proposed earlier this year following a US Supreme Court ruling directing state justices to start with a race neutral map. While lawsuits can be filed, it's unlikely maps will change before the November Election. Candidate nomination papers are due on June 1st.

Election Investigation

Speaker Vos appointed defeated State Supreme Court Justice Michael Gableman to review Wisconsin's 2020 election. The Senate conducted its own review primarily relying on the Legislative Audit Bureau and a report from conservative think-tank Wisconsin Institute for Law and Liberty. The legislature passed a slate of bills which were subsequently vetoed by Governor Evers.

2022 Elections

All 99 seats of the State Assembly and the odd number seats in the 33-member State Senate are up for reelection. Two statewide elections will dominate the political landscape in Wisconsin and have national consequences.

Senator Ron Johnson is seeking his third term. There will be a crowded Democratic field with nine announced candidates competing to face Johnson after the August Primary. Lieutenant Governor Mandela Barnes is considered the Democratic frontrunner, although Alex Lasry and Sarah Godlewski have personal wealth several key endorsements, which could make the primary more competitive.

Governor Evers will seek re-election. Former Lieutenant Governor Rebecca Kleefisch and former US Senate candidate Kevin Nicholson have announced their candidacies. Businessman Tim Michels is the most recent GOP candidate to announce and looks to be self-funding his campaign. In addition, expect the 3rd Congressional District to be a targeted by national groups and donors, with Ron Kind not running for reelection. Attorney General Josh Kaul, who won by fewer than 20,000 votes in 2020, is also on the ballot which will attract outside money and attention from both sides.

2022 Retirements

Congress (1)

- District 3 - Ron Kind - Not Seeking Reelection

Senate: (6)

- District 15 – Janis Ringhand – Not Seeking Reelection
- District 25 – Janet Bewley - Not Seeking Reelection
- District 27 – Jon Erpenbach - Not Seeking Reelection
- District 23 – Kathy Bernier - Not Seeking Reelection
- District 19 – Roger Roth - Running for Lt. Governor
- District 29 – Jerry Petrowski - Not Seeking Reelection

Assembly: (23)

- District 5 – Jim Steineke - Not Seeking Reelection
- District 6 – Gary Tauchen - Not Seeking Re-election
- District 10 – David Bowen – Running for Lt. Governor
- District 13 – Sara Rodriguez – Running for Lt. Governor
- District 15 – Joe Sanfelippo - Not Seeking Reelection
- District 19 – Johnathon Brostoff – Running for Milwaukee Common Council
- District 27 – Tyler Vorpapel - Not Seeking Reelection
- District 31 – Amy Loudenbeck - Running for Sec. of State
- District 33 – Cody Horlacher - Not Seeking Reelection
- District 45 – Mark Spreitzer – Running for Senate
- District 46 – Gary Hebl – Not Seeking Reelection
- District 52 – Jeremy Thiesfeldt - Not Seeking Reelection
- District 54 – Gordon Hintz - Not Seeking Reelection

- District 55 – Rachel Cabral-Guevara – Running for Senate
- District 59 – Tim Ramthun - Running for Governor
- District 61 – Sam Kerkman – Won Kenosha County Executive Race
- District 68 - Jesse James – Running for Senate
- District 73 – Nick Milroy – Not Seeking Reelection
- District 74 – Beth Meyers - Not Seeking Reelection
- District 79 – Dianne Hesselbein - Running for Senate
- District 80 – Sony Pope – Not Seeking Reelection
- District 82 – Ken Skowronski - Not Seeking Reelection
- District 84 – Mike Kuglitsch - Not Seeking Reelection/Resigned

Attachment 7 - a

Healthcare Pathway

Dr. Eric Gass, Dean



New Programming

- Enhanced Yoga Instructor
- Diagnostic Medical Sonography
- Community Health and Nutrition Navigator
- Integrative Health
- Therapeutic Massage IP
- Veterinary Assistant/Nurse IP



Healthcare Pathway



Partnerships



Healthcare Pathway



Retention and Completion

- Retention and Completion Rates significantly down in previous year
- Identified issues in the pre-petitioning phase of students academic career as major retention issue (e.g. English, Bioscience, Chemistry)
- Efforts to improve retention and completion rates
 - MATC was awarded two Strengthening Career and Technical Education grants for 2022-23 focusing on Registered Nursing and Dental Hygiene
 - Working with STEM Pathway to address Chemistry prerequisite
 - Increasing tutors available for science courses
 - Utilizing Ed Assistants for study/support groups



Healthcare Pathway



Equity Gap Efforts

Department of Labor Strengthening Community Colleges Grant proposal

- Consortium of five WTCS schools, coming together to address Retention, Completion and Closing the Equity Gap
 - Establish dedicated Student Success Advisor at each college to provide developmental and academic advising support to project participants from pre-petition stage through first year Nursing program courses
 - Perform comprehensive review of relevant institutional and/or program policies and administrative practices through an equity lens – Where possible, identify and amend policies/practices impacting equitable access and/or establish supports to ameliorate negative impact
 - New targeted academic support activities developed (lower success rate courses)
 - Employer advising on workforce needs, curriculum content, creative solutions to strengthen pipeline and address workforce equity issues; expanded opportunities for participants to engage with employers to develop career awareness and knowledge of professional expectations



Pathway Initiatives

- Health Innovation Centers



MILWAUKEE AREA Technical College
Transforming Lives, Industry & Community

Healthcare Pathway



Growth

- Practical Nursing enrollment has doubled in last 2 years
- Registration for Fall 2022 up 15% as of (5/11/22)
- Working with Dr. Gonzalez-DeJesus and High School Relations to expand dual enrollment beyond Nursing Assistant
- Added Summer cohort of Phlebotomy
- Adding a second cohort of Respiratory Therapist at Mequon
- Increasing Bilingual Nursing Assistant sections
- Bilingual Summer Bridge program to LPN



Healthcare Pathway



DEI Hiring Progress

- 17 New hires this academic year (Faculty and Pathway staff)
- 53% of new hires are BIPOC or Latinx



Questions??

MILWAUKEE AREA *Technical College*
Transforming Lives, Industry & Community

Healthcare Pathway



Fiscal Year 2022-23 Milwaukee Area Technical College District



ACTIVITY PLAN & BUDGET

 **MILWAUKEE AREA *Technical College***
Transforming Lives, Industry & Community

EQUAL OPPORTUNITY AND AFFIRMATIVE ACTION COMMITMENT

Milwaukee Area Technical College's commitment to equal opportunity in admissions, educational programs, and employment policies assures that all individuals are included in the diversity that makes the college an exciting institution. MATC does not discriminate against qualified individuals in employment or access to courses, programs, or extracurricular activities on the basis of race, color, national origin, ancestry, religion, creed, sex, sexual orientation, age, disability, pregnancy, marital status, parental status, or other protected class status. The lack of English skills shall not be a barrier to admission or participation in any MATC program or service.

MATC will comply fully with state and federal Equal Opportunity and Affirmative Action laws, executive orders, and regulations. Direct questions concerning application of this policy to the MATC Affirmative Action Officer, 700 West State Street, Milwaukee, WI 53233-1443.

It is the policy of MATC to provide reasonable accommodations for all students, or applicants for admission, who have disabilities (see Discrimination Against Individuals With Disabilities Policy CO203). MATC will adhere to all applicable federal and state laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity and access to programs and services for students with disabilities. Reasonable accommodations will be provided in a timely and cost-effective manner. Access shall not be denied because of the need to make reasonable accommodations for an individual's disability.

State and federal laws include the concept of "reasonable accommodation" as a key element in providing equal opportunity and access to programs and services for students with disabilities.

MILWAUKEE AREA TECHNICAL COLLEGE

2022-23 ACTIVITY PLAN AND BUDGET

Fiscal Year 2022-23

Members of the Board as of June 29, 2022

Lisa Olson	Chairperson
Erica Case	Vice Chairperson
Citlali Mendieta-Ramos	Secretary
Nikki Moews	Treasurer
Ashanti Hamilton	
Ann Wilson	
Mark Foley	
Antonio Diaz	
Lauren Baker	

Administrators as of June 29, 2022

Dr. Vicki J. Martin	President
Dr. Naydeen Gonzalez-De Jesus	Executive Vice President of Student Success
Eva Martinez Powless	Chief Diversity, Equity & Inclusion Officer
Dr. Mohammad M. Dakwar	Vice President, Learning
Janice M. Falkenberg	Vice President and General Counsel
Jeffrey J. Hollow	Vice President, Finance
Laura M. Bray	Vice President, College Advancement and External Communications
Elle Bonds	Vice President, Human Resources
Dr. Christine M. Manion	Vice President, Institutional Effectiveness
Dr. Jeff C. Janz	Vice President, Retention and Completion
Dr. Sarah Adams	Interim Vice President, Enrollment Services
Bohdan Zacharij	Vice President and General Manager, Milwaukee PBS
Barbara A. Cannell	Dean of Academic Learning
Dr. Nicole Tanner	Interim Dean of Enrollment Services
Dr. Pamela Holt	Dean of Online Learning
Equan A. Burrows	Dean of Student Experience
Dr. Sadique Isahaku	Dean, General Education
Dr. Eric Gass	Dean, Healthcare Services
Dr. Carl Meredith	Dean, Business and Management
Dr. Kamela J. Goodwyn	Dean, Science, Technology, Engineering and Math
Rebecca L. Alsup-Kingery	Dean, Manufacturing, Construction and Transportation
Dr. Micheal Sitte	Interim Dean, Creative Arts, Design and Media
Vacant	Dean, Community and Human Services

Official Issuing Report

Jeffrey J. Hollow, CPA, CMA, MBA, Vice President, Finance

Assisted by:

Eva A. Kuether, CPA, Controller

Emilia Meinhardt, Budget Manager

Suzanne Jarvis, CPA, Coordinator, Cash Management

Mary Mathers, Sr. Accounting Administrator

Brenda Schmitt, Sr. Financial Grants Administrator

William C. Smith, CPA, CMA, MBA, Capital Accounting and Budget Manager

MILWAUKEE AREA TECHNICAL COLLEGE

Board Members as of June 29, 2022

<u>Name</u>	<u>Board Officer</u>	<u>Membership Type</u>	<u>Term Expires</u>	<u>Employer and Position</u>
Lisa Olson	Chairperson	School District Administrator	6/30/23	Whitnall School District Superintendent
Erica Case	Vice Chairperson	School District Administrator	6/30/24	Harley Davidson Motor Company Human Resources Director
Citlali Mendieta-Romos	Secretary	Employer	6/30/22	Antigua Latin Restaurant, LLC Owner/Director of Special Events
Nikki Moews	Treasurer	Employer	06/30/23	Pioneer Transformers/Pioneer Power Solutions, Inc. Human Resources Director
Antonio Diaz		Employer	06/30/23	General Manager, Van Horn Latino
Mark Foley		Employer	06/30/24	von Briesen & Roper, S.C. Shareholder/Attorney
Ashanti Hamilton		Elected Official	06/30/22	Milwaukee Common Council Alderman 1 st District
Ann Wilson		Additional Member	06/30/22	Hillside Family Resource Center Manager *Retired*
Lauren Baker		Additional Member	06/30/24	Retired

NOTE: *The composition and number of MATC District Board members are stipulated by Wisconsin law. The membership must have representatives of employers, employees, elected officials, and a school district administrator.*

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SECTION I
INTRODUCTION AND POLICY

(letter)

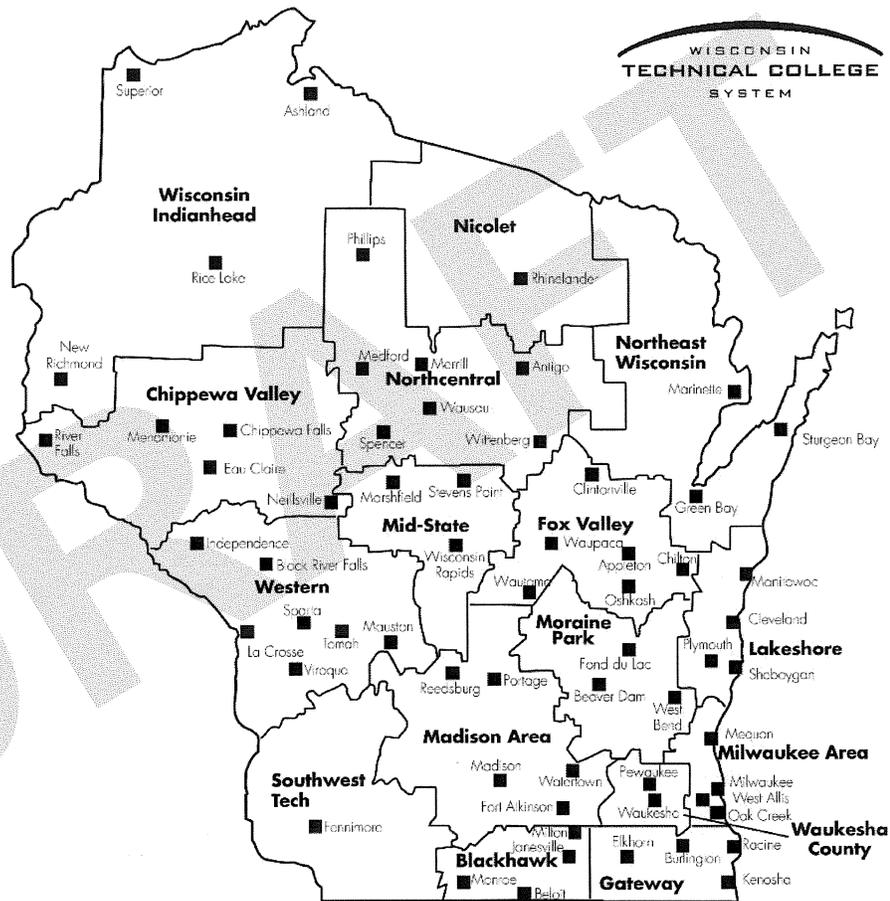
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College Overview

Wisconsin's Largest and Most Diverse Technical College

Milwaukee Area Technical College (MATC) is the largest of the 16 technical colleges that compose the Wisconsin Technical College System (WTCS) and one of the most diverse institutions of higher education in the Midwest. During academic year 2019-20 MATC served 29,733 students. The college's district includes all of Milwaukee County, most of Ozaukee County and portions of Washington and Waukesha counties.

Each WTCS college offers a broad portfolio of associate degrees, technical diplomas, apprenticeships and certificates in a wide array of career areas, trades and industries. Each technical college in the WTCS also offers workforce development programs to complement the training needs of the employers and residents in its district. MATC is one of a select number of WTCS colleges that also offers associate of



arts and associate of science degrees that allow a student to begin a bachelor's degree at our campuses. The college maintains transfer agreements with more than 40 four-year colleges and universities, including guaranteed transfer agreements with Marquette University, the University of Wisconsin-Madison and the University of Wisconsin-Milwaukee. MATC offers courses on campus, online, and in hybrid and blended formats that bring together both classroom and online learning.

Growing Flexible Course Offerings

For more than a century, the college has responded to urgent needs of its service region.

In 2021-22, this included continuing to offer flexible course options including online, virtual, blended, hybrid and a new HyFlex model that allows students to choose how to attend a course. In addition to flexible course delivery, MATC offers courses at different lengths starting at various points throughout the year. This includes traditional semester-long courses along with shorter 12-week courses and eight-week sections. These flexible courses provide the same high-quality instruction from industry experts, small class sizes and affordable tuition with the opportunity to see success in a shorter time frame. Students will be able to complete two courses in a sequence over the course of a traditional semester, ultimately reducing time to degree, according to our research partners at EAB. Amarillo College in Texas saw completion rates increase 30% with a move to more eight-week sections. This is of vital importance to so many of our students, especially adult students who are often balancing family responsibilities, work and college. More eight-week sections also put us on stronger competitive footing with other local public, private and for-profit institutions at a time when enrollment is critically important.

All of our programs continue to be directly linked to labor market need and nearly 1,000 advisory committee members help keep curriculum current and relevant. As the economy evolves following the onset of the COVID-19 pandemic, MATC too will evolve.

Our Core Offerings

- 170+ associate degree, technical diploma, certificate and apprenticeship programs
- 40+ four-year college and university transfer partners, offering a less expensive path to a four-year bachelor's degree for our students
- The opportunity to complete high school through a General Educational Development (GED) Certificate in English or Spanish, a High School Equivalency Diploma (HSED), or High School Diploma at MATC's Adult High School. MATC also provides English as a Second Language (ESL) programs, and serves students who need additional support while enrolled in their college program. While earning a GED, HSED, High School Diploma, or taking English as a Second Language classes, students also can enroll in various Career Pathways that lead to the completion of a high school credential, college credits and employment preparation. They can also qualify for financial aid through the Ability to Benefit program.
- Through MATC Workforce Solutions, the college provides customized and on-site training for employers and their teams.

- Milwaukee PBS, Channels 10 and 36, is a viewer-supported service of MATC. The Milwaukee PBS stations are the area's only over-the-air source for PBS and other national public television programs, and also offer a diverse schedule of their own award-winning local series and specials.

Significant Accomplishments

- To support students at a time of crisis, the college utilized \$5.75 million in federal COVID-19 relief dollars to forgive outstanding balances students owed to MATC for tuition and fees incurred from Spring 2020 through Spring 2021.
- To combat housing insecurity, MATC and developer J. Jeffers & Co., along with the Wisconsin Housing and Economic Development Authority and the City of Milwaukee, officially opened Westown Green, serving up to 195 students in downtown Milwaukee in August 2021.
- To help students find their path, the college began offering prospective students the option to select "undecided/unsure" for their program of study during the application process for Fall 2021. A career coach contacts the undecided students soon after they apply. We also launched the first MATC Gap Year program in partnership with local engagement agency NEWaukee, offering paid hands-on career exploration for students taking a gap year.
- To respond to the complex workforce shortages in our district, we have deepened our partnership with area employers to provide a stronger link for our students to access careers that offer family-supporting wages and advancement opportunities. This academic year, significant investments were made in scholarships and program support through Froedtert Memorial Hospital, Johnson Controls, Northwestern Mutual and PepsiCo.
- To unlock access to more students, the MATC Promise for New High School Graduates program was expanded to include recent General Educational Development (GED) and High School Equivalency Diploma (HSED) completers in the MATC District, and new graduates of MATC's Adult High School.
- To beautify our campuses and create more welcoming, inclusive spaces, community artists, including two MATC students and an alumnus, were among the creators of 13 new installations on the campus.
- To drive greater equity and inclusion, we launched nine new employee affinity groups, eliminated holds preventing students with small debts from registering, issued retention grants to 1,500 students nearing graduation and engaged 100+ employees in training with the Race & Equity Center at the University of Southern California.
- Finally, the President's Task Force on Diversity, Equity & Inclusion led by Chief DEI Officer Eva Martinez Powless and Vice President of Human Resources Elle Bonds developed the college's new DEI plan with concrete action steps and a clear timeline. We expect to finalize and share the plan with you later this month as we acknowledge our gaps and shortcomings in serving our diverse populations and work to close and solve them.

- MATC delivered a **balanced budget** for the eighth consecutive year and preserved MATC's **Aa1 rating from Moody's** for the district's outstanding general obligation unlimited tax debt.

Return on Investment

MATC contributes more than **\$1.5 billion in annual economic activity by our students, alumni, faculty and staff**, according to a report from the respected labor market analytics firm Emsi. Both graduates and taxpayers earn a significant return on the investment they make in MATC. **The average MATC associate degree graduate will experience an amazing \$418,000 in higher earnings throughout their working years compared to someone with only a high school diploma or equivalent.**

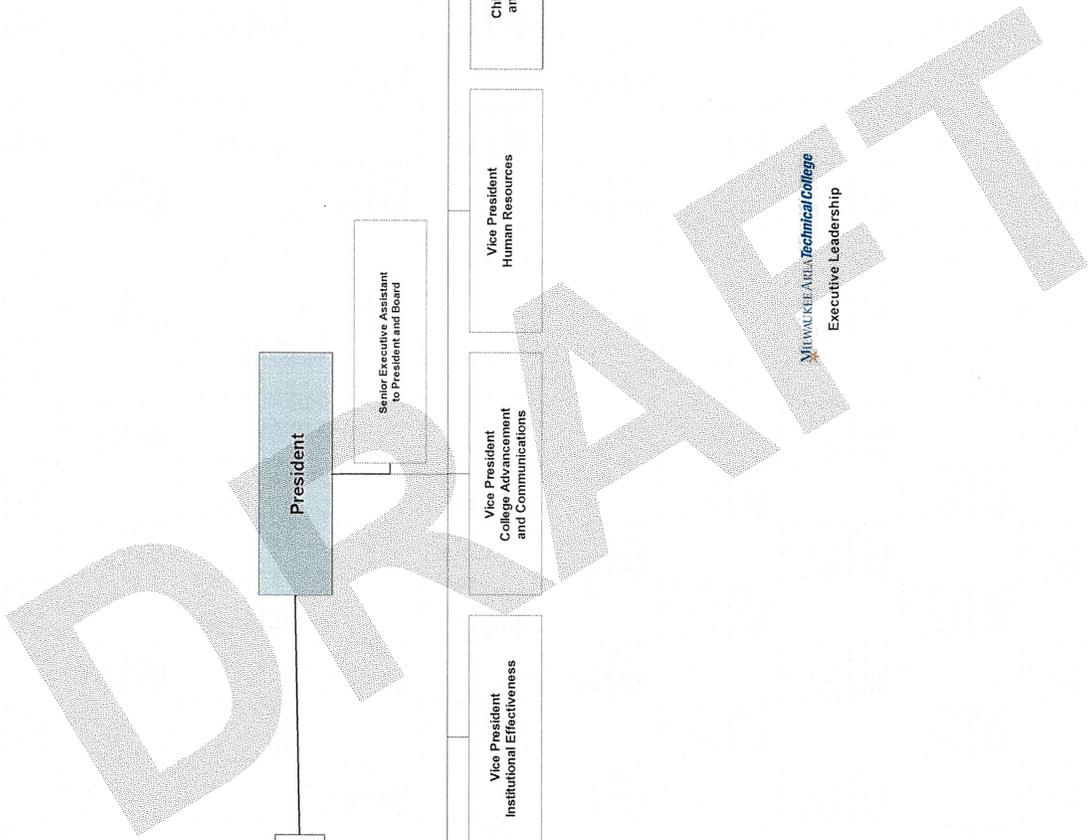
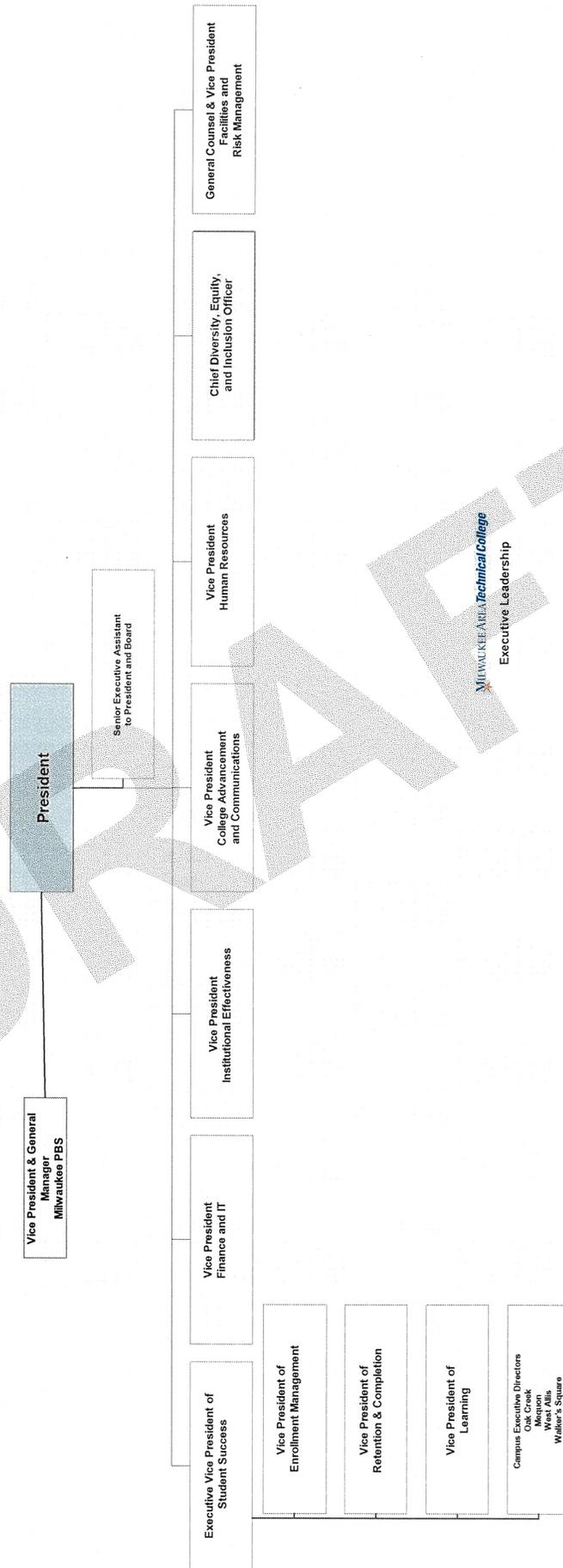
Society as a whole benefits from an increased economic base, raising prosperity in Wisconsin. Taxpayers' investment in the college outpaces the average return from the U.S. stock market: MATC provides a 15.8% annual rate of return over the past 30 years compared to 10.1 in the market. For taxpayers, every \$1 of public funds invested yields a cumulative value of \$2.70 over the course of the students' working lives, Emsi concluded. Taxpayers also will see **\$25.7 million in present value social savings connected to lower crime, lower unemployment, and increased health and wellness levels**, according to the report.

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Student Demographics

Student Count	23,458	
Students As Expressed in Full-Time Equivalent (FTE)	8021.51	
Gender	<i>Count</i>	<i>Percent</i>
Male	9,410	40.1%
Female	13,602	58.0%
Unknown	446	1.9%
Total	23,458	100.0%
Race/Ethnicity	<i>Count</i>	<i>Percent</i>
American Indian/Alaskan Native	125	0.5%
Asian	1,354	5.8%
Black	6,359	27.1%
Hispanic	4,581	19.5%
White	8,290	35.3%
Pacific Islander	23	0.1%
Multi-Ethnic	823	3.5%
Unknown	1,903	8.1%
Total	23,458	100.0%

County of Residence	<i>Count</i>	<i>Percent</i>
Milwaukee	18,435	78.6%
Ozaukee	690	2.9%
Racine	654	2.8%
Washington	273	1.2%
Waukesha	1,085	4.6%
Other	2,321	9.9%
Total	23,458	100.0%





Campuses

MATC features four campuses: Downtown Milwaukee, Mequon, Oak Creek and West Allis and an education center at Walker’s Square on Milwaukee’s near south side.

Continuing Commitment to Improvement

As part of our ongoing quality improvement efforts, a number of initiatives will be launched or strengthened during fiscal year 2022-23:

- The college will continue to implement **Transformation 2025**, the college’s new strategic plan. The plan was built by a cross-functional team that included students, faculty, staff, administrators and community members. It outlines MATC’s priorities from 2021 through 2025.
- MATC will implement the college’s first **Diversity, Equity and Inclusion Plan**, reflecting inclusion as a value of one of four strategic priorities in the strategic plan.

the college — and equity as

- To better provide area employers with the skilled professionals they need right now, Milwaukee Area Technical College will offer five new programs starting in the fall of 2022. They are: Community Health & Nutrition Navigator, Associate of Applied Science (AAS) degree; Computer Numerical Control (CNC) Setup and Operations, Certificate; Food Science Technology, AAS degree; Leadership Development, AAS degree; and Sign Language Interpreting in Education, AAS degree.
- MATC will continue to implement **EAB Navigate**, an enterprise-level technology linking MATC employees and students in a Coordinated Care Network. The new tool is designed especially to help educational institutions like MATC leverage data and communication to proactively manage student retention and success from enrollment through graduation.
- Academic programs will continue to undergo rigorous review that ensures quality, vitality and relevance to the needs of employers through our **Quality Review Process**.
- Our continued commitment to quality improvement, including the use of **Continuous Quality Improvement (CQI)** tools, helps us make data-informed decisions.

Strategic Planning

Strategic Planning at MATC is a dynamic, collaborative, and continuous process that sets the future direction for the college and ensures the long-term success of our students and our community.

Although we update our Strategic Plan annually, every four to five years in sync with our accreditation cycle, we conduct a larger, more inclusive planning process that includes a review of our mission, vision, and values as well as the Strategic Plan itself.

In April 2019, MATC contracted with Campus Works to help facilitate our strategic planning process. Over the next 14 months, Campus Works led the College community through an integrated planning process that used a cross-functional steering committee, including a student representative, to review past and create new satisfaction surveys; analyze student success and community data; conduct a SWOT assessment; host Board retreats; host student focus groups; meet with internal and external stakeholders, and oversee a drafting, editing, and revising cycle of all relevant documents until Transformation 2025 was approved by the District Board of Directors in June 2020.

Our 5-year strategic plan--**Transformation 2025**--tells our college community three important things: we know who we are, we know where we need to go as an institution, and we know how to get there.

Our **Mission statement** (*Education that transforms lives, industry and community*) strongly reflects what our students and community members tell us we do for them

Our **Vision Statement** (*The best choice in education, where everyone can succeed*) is a stake in the ground, long-term aspiration of who we strive to be. It is our “North Star” that inspires and guides us every day.

Our **Value Statements** (see below) not only reflect who we are, but also demonstrate important changes in our community and provide the foundation for our culture, our actions and our behaviors in our classrooms, our offices, our hallways and, most importantly, in our processes that serve our students and community:

Empowerment: We support our students and employees with the skills, tools, and autonomy to succeed

Inclusion: We provide a fair and welcoming environment where all voices are heard and where all students and employees feel a sense of belonging

Innovation: We are agile and responsive to changing conditions, while anticipating future needs to best serve our students and communities

Integrity: We demonstrate honesty, professionalism, and accountability in all interactions with our students, each other, and our community partners.

Respect: We approach all interactions with openness and empathy, value different

perspectives, and treat each other with civility and kindness

This past strategic planning process also revealed a need for an additional document in order to continue our journey toward a more student-centered environment: a [student experience statement](#).

Of course, to fulfill our Mission, achieve our Vision, live our Values and create this student experience, we need a clear roadmap, and that is the Strategic Plan itself. This Plan presents the Priorities that we will focus on during the next five years:

- **Student Experience:** Ensure all students can succeed by delivering a personalized and holistic student experience
- **Organizational Excellence:** Advance organizational agility and excellence in a culture of innovation and informed decision making
- **Equity:** Promote equitable outcomes for all students and employees by creating an inclusive and supportive college environment
- **Community Impact:** Strengthen community impact as a catalyst and partner to create positive change

Student Success Initiatives: Guided Pathways

MATC is using the nationally recognized **Guided Pathways model** to help more students succeed through early career exploration, personalized retention efforts, building clear pathways to completion and graduation, and reducing equity gaps. It is an integrated, district-wide approach to student success based on intentionally designed, clear, coherent and structured educational experiences.

We have reorganized our academic and student services to support the student journey represented by the pillars of **Clarify, Enter, Stay and Learn**.



CLARIFY creates curricular pathways from high school through MATC to employment in fields of importance to the region and/or further education and simplifies students' choices with program maps developed by faculty that show students a clear pathway to completion.

ENTER helps students choose and enter their pathway by bridging K12 to higher education, redesigning traditional developmental education courses to a co-requisite model, and streamlining the onboarding process for all students.

STAY supports students while on their path through a strong advising process, multiple engagement opportunities, and embedded academic and non-academic support throughout the students' programs to promote student learning and persistence.

LEARN ensures that learning is happening with intentional outcomes at the classroom-, program-, and College-level that are aligned with the requirements for success in employment and further education in a given field and apply the results of learning outcomes assessment to improve the effectiveness of instruction across programs.

MATC's financial structure in FY2022-23 is designed to support this student-centered design. The FY2022-23 budget continues to reflect the reorganization of the overall structure of the college, including a matrix approach to support the student experience in and out of the classroom through integrated teams found in the Academic & Career Pathways:

- 1) Creative Arts, Design & Media Academic & Career Pathway
- 2) Community & Human Services Academic & Career Pathway
- 3) Business & Management Academic & Career Pathway
- 4) General Education Academic & Career Pathway
- 5) Healthcare Services Academic & Career Pathway
- 6) Manufacturing, Construction & Transportation Academic & Career Pathway
- 7) STEM Academic & Career Pathway

Despite the interruption of the Covid-19 Pandemic, subsequent economic downturn, and social unrest across the nation and our region in Wisconsin, MATC has continued to focus on our long-term planning goals to become a more student-centered College while also responding to the immediate needs of our students, staff, and community. The following chart reflects some of the most recent accomplishments in each of the four pillars that are the framework for the student experience under Guided Pathways:

<p>CLARIFY</p> 	<p>Pathways</p> <ul style="list-style-type: none"> ● Credit Reduction in all Programs ● Academic Mapping available on Self-Service ● Opened the MATC Center for University Partnerships & Studies ● Increased Dual Enrollment activities ● Improved connections with Community-Based Organizations ● Created Spanish version of MATC.edu
<p>ENTER</p>  <p>NEW STUDENT ONBOARDING EXPERIENCE</p>	<p>New Onboarding Experience</p> <ul style="list-style-type: none"> ● Eliminated Intake Barriers ● Improved Call Center processes ● Removed 24-hour holds on applications ● Revamped Student “Storm” Enrollment & Registration Events, including virtual options <p>Student-Centered Placement & Scheduling</p> <ul style="list-style-type: none"> ● Implemented Self-Service for Students ● Expanded multiple delivery modalities, online, virtual, blended and hybrid ● Added badging options for short-term credentials ● Increased 8-week course sections ● Developed new Career Coaching processes & workshops for “undecided” entering students
<p>STAY</p>  <p>Academic & Career Pathways MILWAUKEE AREA Technical College</p>	<p>Holistic Student Support</p> <ul style="list-style-type: none"> ● Initiated Registration Hold Reforms ● Launched Stormer Success Grant Program ● Integrated and launched new student success management system: EAB Navigate with proactive student interventions ● Developed a Health & Wellness Plan ● Launched new Faculty Mentoring Program
<p>LEARN</p> 	<p>Co-Requisite Models</p> <ul style="list-style-type: none"> ● Created new math courses appropriate for specific programs and Pathways ● Expanded co-requisite model for gateway English courses ● Expanded supported learning model for gateway math courses

	<p>Center for Teaching Excellence</p> <ul style="list-style-type: none"> ● Created 21st Century Classroom Model for Online Teaching Readiness and Quality Assurance ● Hired team of Peer Faculty Coaches ● Built a new student-focused syllabi template ● Created faculty development courses focusing on Student Engagement and Cultural Competency in the Classroom
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Student Success Initiatives: Achieving the Dream (ATD)



Milwaukee Area Technical College is one of five colleges across the country that joined the Achieving the Dream (ATD) National Network in summer of 2020. The network includes 250 community and technical colleges working to advance student success and achieve equitable outcomes by identifying emerging needs and ways to improve practices across an entire College by addressing crucial challenges that must be confronted and overcome in order to better serve students and the community. As an ATD Network College, MATC can expect support in the following areas:

- 1. INNOVATION:** ATD will help scale innovative new approaches at MATC, such as creating a culture of teaching and learning excellence and redesigning student supports to integrate across all areas of the institution.
- 2. COACHING:** Diagnostics and customized coaching can help strengthen MATC’s leadership and data-analysis capacity. Coaches can help us improve our ability to track leading indicators that research has shown lead to improved student retention and completion and identify and address achievement gaps.
- 3. CONNECTIONS:** ATD can enable MATC and our leaders to learn from and with our peers through regular network events, summits, institutes and webinars, and reports, briefs, and guides that share information about best practices across institutions.
- 4. EQUITY:** Like MATC, Achieving the Dream believes that access to a high-quality education in an inclusive environment is the right of all individuals and imperative for the continued advancement of a strong democracy and workforce and they will assist us in dismantling the barriers facing underserved students.

Student Success Initiatives: EAB Moon Shot for Equity



In Fall 2020, MATC, Carthage College, the University of Wisconsin-Milwaukee and the University of Wisconsin-Parkside joined a national initiative led by education firm EAB aimed at ending equity gaps in higher education by 2030.

These institutions comprise the first regional consortium of higher education institutions to sign on to the "Moon Shot for Equity," and will work together, and with EAB, to help more underrepresented students of color and other historically underserved populations graduate from college.

This partnership not only allows us to receive expert guidance support from award-winning, national Moon Shot mentors—Houston GPS and Georgia State University.

As part of the Moon Shot initiative, MATC faculty, staff, and administration also had the opportunity to participate in 12 sessions of equity-mindedness training through the [USC Race & Equity Center](#).

Student Success Initiatives: Higher Education Regional Alliance (HERA)

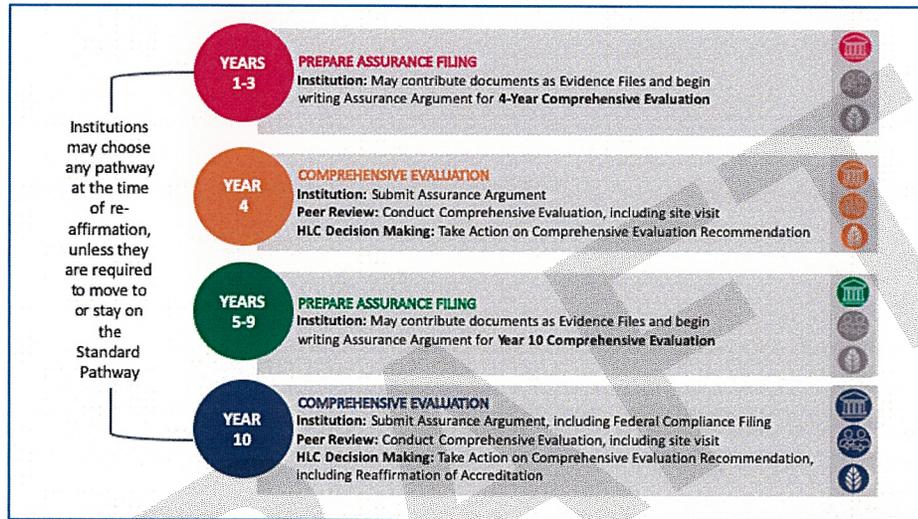


MATC continues its leadership role in the Higher Education Regional Alliance (HERA), a collaborative of 18 southeastern Wisconsin public and private two- and four-year colleges and universities, and a network of partner organizations.

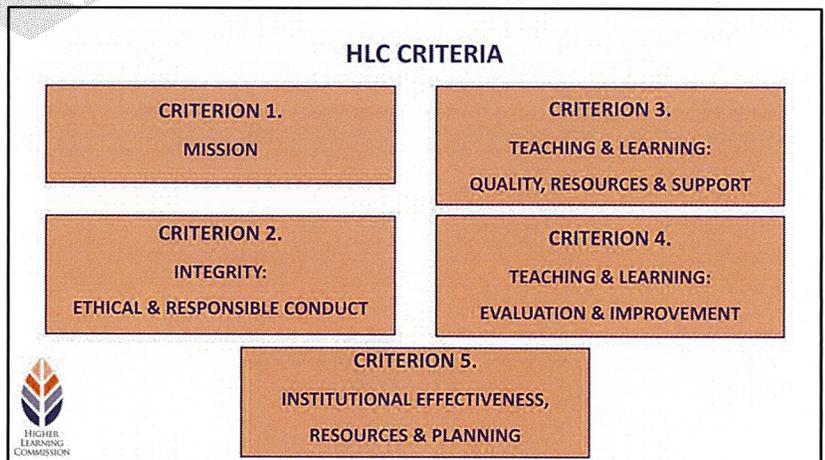
We are dedicated to closing achievement gaps and educating students today to become an innovative and nimble workforce that meets the needs of the region’s industries tomorrow. This challenge is too large for any one university or college to solve alone, so we are working together. HERA represents more than **150,000** students across southeastern Wisconsin who are key to driving our economy, and we know that education impacts more than individual lives; it can change the trajectory of our entire region.

Institutional Accreditation by the Higher Learning Commission

MATC is accredited by the [Higher Learning Commission](#) (HLC) and uses the HLC Standard Pathway of Accreditation. This is one of two options institutions in good standing have for maintaining accreditation with the HLC. It follows a 10-year cycle and is focused on quality assurance and institutional improvement. Improvement projects are integrated into comprehensive evaluations conducted during the cycle, as well as through interim monitoring, as required.



The **Five Criteria for Accreditation** are the standards of quality by which HLC determines whether an institution merits accreditation or reaffirmation of accreditation. *Criterion 5: Institutional Effectiveness, Resources and Planning* specifically requires that the College demonstrate how its resources, structures, and processes are sufficient to fulfill its mission, improve the quality of its educational offerings, and respond to future challenges and opportunities.



The work done in the Finance Division and presented in this Budget Book specifically demonstrates the commitment MATC has made to fulfill **Criterion 5** and its sub-components.

The Planning and Budgeting Process

The annual budget is a key element of MATC's planning and control system. Budgeting for all Wisconsin Technical Colleges is controlled by state statutes, MATC District Policy, and Wisconsin Technical College System (WTCS) reporting requirements. The District budget must be in the format required by WTCS. The primary objective of the budget plan is to ensure each division's goals are in alignment with the strategic goals of the College.

The budget planning process affords a challenging opportunity to reassess plans and overall goals and objectives in order to achieve the various strategic plans established by the MATC Board. The budget document communicates important information about the resources available to MATC and the utilization of those resources by the College. Much effort is made to ensure the budget plan and strategic plan are aligned in order to achieve the overall goals and objectives of the College. MATC launched seven Academic Pathways as a part of college's implementation of Guided Pathways, a nationally recognized model to better serve students. The planning and budgeting process included the organizational restructure to support students in their academics, reduce the equity gap, and prepare them for careers.

The annual budget process begins with a college-wide capital budget workshop. The workshop is designed to provide tools to assist budget managers in developing their capital budgets. Budget managers are informed about thresholds and accounting rules that apply to capital spending. In addition, a prioritization matrix is presented which provides the basis for evaluating capital renovation/remodeling and capital equipment requests submitted by budget managers. The criteria used in the prioritization matrix is carefully determined to assist in scoring and ranking requests for capital spending. It is designed to facilitate an objective review that gives priority to spending on current initiatives and strategic goals and targets current workforce and community demands. As part of the process, construction management conducts tours of District facilities to assess immediate needs. The prioritization matrix also requires cross-sectional areas in the College to score capital requests based on established criteria.

The budget process for the operating fund begins with a review of the current fiscal year's annual budget performance to date. A detailed review of General Fund revenues and expenditures is conducted and preliminary annual projections are estimated and compared to the current fiscal budget. Significant variances between the preliminary annual projection and current fiscal budget are evaluated to aid in understanding financial trends and to assist in developing assumptions for the forthcoming fiscal budget.

A preliminary budget is then developed based on guidelines and recommendations made during ongoing communication with the MATC Board, the MATC Budget Committee, the leadership team, administration and staff. In a collaborative effort, final assumptions are determined and approved and spending is aligned with anticipated revenues and with the District's strategic goals, mission and vision.

Operating budget workshops are held to assist departmental and divisional budget managers in preparing and submitting their discretionary budgets. During these sessions, guidelines and budget priorities are discussed and participants are able to provide feedback and ask questions about the annual plan and budget.

In May, the MATC Board reviews the draft budget and authorizes the publishing of a legal notice to hold a public hearing in June. At the hearing, the Board considers public input prior to adopting the budget. After the public hearing, the Board approves and adopts the District budget at its June meeting.

Basis of Budgeting

In accordance with the requirements of the WTCS, MATC adopts an annual operating budget which is prepared on a modified accrual basis, except that budgetary expenditures include encumbrances (commitments to expend funds entered into during the fiscal year), and all revenues and expenditures for summer sessions that cross a fiscal year are recognized in the subsequent fiscal year for budgetary purposes.

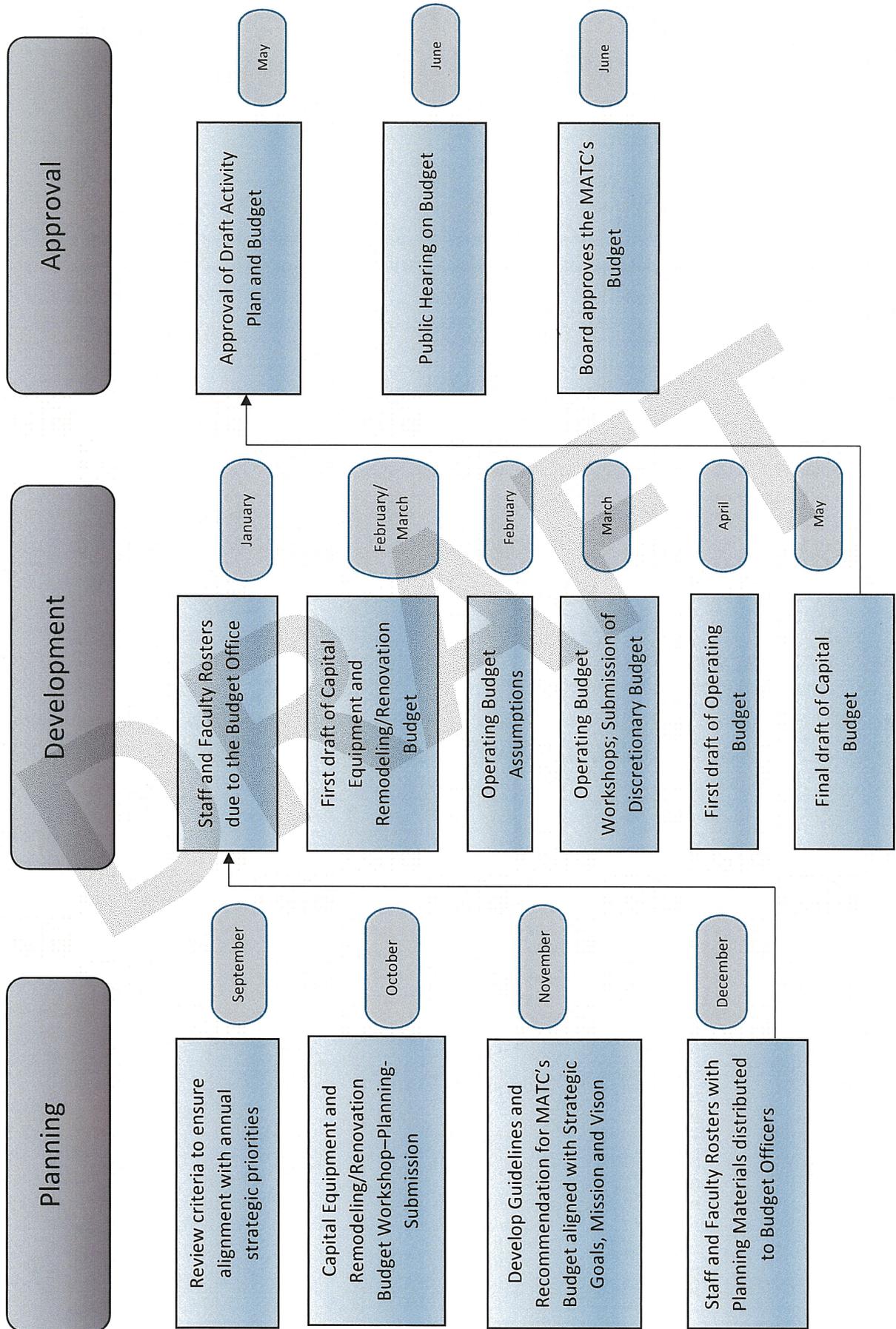
Legally Required Financial Planning Tool

The budget is a financial planning tool. It is also a statutory requirement for the College. The budget must be adopted as a balanced budget and must be in place prior to July 1 of each year. The budget is the legal authority to expend public monies and controls those expenditures by limiting the amount of the appropriations at the fund and function level. The revenues of the College are estimated along with available carry forwards to indicate funds available for use. The staffs' requests for funds represent the expenditure side of the budget.

The flowchart on the following page presents the budget process and timeline followed by MATC.

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Budget Process



**MILWAUKEE AREA TECHNICAL COLLEGE
FY 2022-23 Plan and Budget Development Calendar**

October 2021	<ul style="list-style-type: none"> • Operating budget calendar posted on MATC website • After final equalized valuation is received, Board adopts final tax levy for calendar year 2022 (as provided for in FY2021-22 budget); Board approves budget adjustment(s) as necessary • Capital budget planning materials distributed • Capital budget workshop • Guidelines distributed for FY2022-23 Capital Equipment and Building Remodeling & Renovation budgets
December 2021	<ul style="list-style-type: none"> • Guided Pathways Staff Rosters with the planning materials distributed to Budget Officers • Capital budget requests due: Academic Capital Equipment and Building Remodeling & Renovation budgets are due to Budget & Operations Department Non-Academic Capital Equipment and Building Remodeling & Renovation budgets are due to the Budget Office
January 2022	<ul style="list-style-type: none"> • Guided Pathways Staff Model finalized and due to Business Office/Salary and Benefit Budget
February 2022	<ul style="list-style-type: none"> • Preliminary budget planning assumptions • Operating budget planning materials distributed
March 2022	<ul style="list-style-type: none"> • Academic Operating budget materials are due to the Provost • Non-Academic Operating budget materials are due to the divisional Vice President • Operating budget review meetings • Final budget planning assumptions • Capital Budget Prioritization
April 2022	<ul style="list-style-type: none"> • Draft General Fund Budget FY2022-23 • Draft Capital Budget (Equipment and Renovation) FY2022-23
May 2022	<ul style="list-style-type: none"> • Final Capital Equipment Budget FY2022-23 • Approval of Draft Activity Plan and Budget (FY2022-23) • Administration publishes Budget Public Hearing Notice based on budget proposed by the Administration
June 2022	<ul style="list-style-type: none"> • Present FY2022-23 District Budget at Public Hearing • Receive feedback from public hearing and incorporate into budget as appropriate • Board adopts FY2022-23 District Budget subject to change based on final equalized valuation

Budget Modifications

Budgets are approved by the MATC Board by fund and function. Modifications to the approved budget requiring Board action are generally considered at the Board’s October, January, March, and June meetings. Management has the ability to make budget adjustments within functional categories.

These budget modifications are published in the Milwaukee Journal Sentinel in a Class I Legal Notice 10 days after the Board meeting. Under Wisconsin statutes, the Board must approve the budget modifications by a two-thirds majority.

Summary of Financial Policies

Internal Controls

The Management of the District is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the College are protected from loss, theft, or misuse and to ensure that adequate accounting data is compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles. The internal control structure is designed to provide reasonable, but not absolute, assurance that these objectives are met. The concept of reasonable assurance recognizes that: (1) the cost of a control should not exceed the benefits likely to be derived; and (2) the valuation of costs and benefits requires estimates and judgments by management.

As a recipient of federal, state and local financial assistance, the College is also responsible for ensuring that an adequate internal control structure is in place to ensure and document compliance with applicable laws, regulations, contracts and grants related to these programs. This internal control structure is subject to periodic evaluation by management and the external auditors.

Cash Management

Cash management and investment strategies have been developed to limit risk while receiving a competitive yield. We believe that a diversified approach enhances the security of the District's deposits and investments. Liquidity shall be assured through matching investment maturities with anticipated cash flows. Default risk will be controlled by the use of collateralization, registration, and insurance. In addition, the following specific controls will be observed:

- Maturities of certificates of deposit shall be one year or less.
- Maturities of bonds or securities of the federal government and its agencies shall be limited to one year or less.
- Maturities of securities with the highest rating shall be one year or less.
- All deposits will either be insured or collateralized with pledged collateral secured through third-party safekeeping and custody.
- The District's banking services will be competitively bid at least every five years.
- The District's investments will be reported to the District Board on a regular basis.

Summary of Financial Policies

The investment policy limits investments to the following:

- Bonds or securities issued or guaranteed as to principal and interest by instrumentality of the federal government.
- Insured or collateralized certificates of deposit.
- Wisconsin School District Liquid Asset Fund.
- Local Government Investment Pool.
- Wisconsin Cooperative Liquid Asset Security System (CLASS).
- Wells Fargo Public Funds Premium Market Rate Account.
- Repurchase agreements that comply with statutory requirement are documented by a written agreement and are fully collateralized.
- Any security with the highest or second highest rating category assigned by Standard & Poor's Corporation, Moody's Investors Services, or other similar nationally recognized rating agency or if the security is senior to, or on a parity with, a security of the same issue which has such a rating.
- Other prudent investment approved prior to purchase by the Board, conforming to sec. 66.04(2) of the Wisconsin Statutes.

Debt Management

In December, 2017, Moody's Investors Service upgraded the District's credit rating from Aa2 to Aa1. The upgrade reflects the District's improved financial position strengthened by consecutive operating surpluses and a one-time cash infusion resulting from the District's participation, as license holder for Milwaukee PBS, in the Federal Communications Commission's (FCC) broadcast incentive auction. The proceeds of this auction are expected to provide funding for several core District priorities. The rating reflects the expectation that District management will continue to maintain sound financial operations through prudent management of expenditures, which is critical given the District's limited revenue raising flexibility and recent trend of enrollment declines. The District's FTE enrollment in the current year (FY21-22) declined over last year (FY20-21) due to Covid-19 pandemic. The rating also incorporates the District's large and diverse tax base encompassing the greater City of Milwaukee region, relatively weak socio-economic indices, limited revenue raising flexibility, modest debt burden, and manageable pension liabilities. The District's debt burden remains at manageable levels with modest future borrowing needs and rapid principal amortization. The District utilizes a financial advisor to structure financings, watch for refunding opportunities, work with the rating agencies, market the notes, and to fulfill filing requirements. A bond counsel is obtained for drafting resolutions authorizing and awarding the sale of notes along with the associated documents needed to sell the notes.

Risk Management

The District maintains a risk management program which includes a comprehensive insurance program designed to meet the College's needs, and an independent risk management and insurance consulting firm retained to assist in the College's risk management program.

Summary of Financial Policies

Balanced Budget

State statute mandates that the District prepare an annual budget. The District Board of Directors controls budget levels through its guidelines that limit the growth rate of the District's tax levy each year. District staff must present to the District Board a balanced budget that meets all budget guidelines. The budget is balanced when revenues plus other sources equals expenditures plus other uses.

Capital Assets

The capital assets are accounted for in the general capital assets account group. The assets related to activities accounted for in all funds are all part of the general capital asset account group.

Capital assets are classified in five categories: construction in progress, land, land improvements, buildings and building improvements, fixed and moveable equipment. All capital assets other than construction in progress and land are depreciated on a straight-line basis. Construction in progress and land are accounted for at their original cost until disposed of.

Costs for any item, unit or set are purchased through the Capital Projects Fund if they are valued at \$5,000 or more and have a useful life of two years or more. Also capitalized are items that add value to a capital asset, prolong the useful life of a capital asset for more than two years, or adapt a capital asset to a new or different use. Any of these items that cost \$5,000 or more are transferred to a capital asset ledger and depreciated.

Fund Balance

The District Board has established a goal of maintaining a fund balance designated for operations between 10 and 15 percent of budgeted general fund revenue. At June 30, 2022, the fund balance designated for operations is projected to be at 23.36 percent.

Annual District Audit

Annually, the District is required to undergo an audit of its accounting records and financial statements. Upon completion, the auditors present the audit report and management letter to the District Board for examination and appropriate action. The last audit of the District was completed on November 23, 2021, for the fiscal year July 1, 2020 to June 30, 2021. The result was an unmodified opinion; that is, the auditors found the financial statements fairly represented the financial position of the District.

Summary of Financial Policies

In addition, an audit of all federal and state financial assistance is performed in accordance with the Single Audit Act of 1996, OMB Circular A-133 Compliance Supplement, and Government Audit Standards. The single audit of federal and state financial assistance for the year ended June 30, 2021, also received an unmodified opinion. The auditors found no instances of noncompliance that are required to be reported under Government Auditing Standards.

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Major Categories of Revenues and Expenditures

Revenues

MATC has a diversified funding base composed of property taxes, state aid, student fees, state and federal grants, and institutionally generated revenues. This diversity of revenue sources, the strength of our local economy and competent financial management continues to provide the resources required to fulfill its mission now and in the future.

1. Property Taxes and Act 145 Funding - The major source of revenue for MATC is the local property tax levy. Historically, each of the WTC's districts have been restricted as to how much property tax they could levy by a mill rate. In past years all technical colleges in the state had been limited by statute to an operating property tax mill rate of \$1.50 per thousand (or 1.5 mills) of the district's equalized property valuations, which is referred to as the operational mill rate. Beginning in FY2013-14, under 2013 Wisconsin Act 20, the mill rate limit was changed to cap the operational levy at 2013. Under Act 20, WTCS districts were prohibited from increasing their operational levy in 2013 or any year thereafter by a percentage greater than the district's January 1 equalized value resulting from the aggregate new construction in the district. Beginning in FY2014-15, under 2013 Wisconsin Act 145, the Act 20 levy limit was replaced with a revenue limit. Act 145 shifted a portion of funding for technical college districts in the State from property taxes levied by the districts to a State aid payment by replacing approximately \$60.4 million (for the MATC district) of property tax levies with a State payment beginning in 2015. Under Act 145, each district is prohibited from increasing its revenue in any year by a percentage greater than the districts valuation factor, or the sum of the tax levy and state property tax relief aid. There is no statutory limitation for taxes levied for debt service costs. The debt service mill rate is added to the operational mill rate to get a total mill rate amount for the year. In 2021 Joint Committee on Finance passed the motion to increase WTCS Property Tax Relief Aid appropriation by \$29 million in FY2021-22 and \$43 million in FY2022-23. Prior amount for all technical colleges was \$406 million. The salutatory payment of \$60.4 million increased in FY22 to \$64.7 and will increase in FY23 to \$66.8. The increased Property tax Relief Aid reduces the college's operating levy by the same amount. The Budget Bill passed both houses of the Legislature and was signed by the Governor.
2. State Revenue - The Governor's 2013-2015 Budget Bill introduced a new funding method for State Revenue. Historically, the amount of funding received is calculated based upon a formula, which is based on both expenditures and students served. There are three factors taken into consideration in the calculation of State Revenue; the number of FTE's, the increase in district equalized property value and the amount of money spent per each FTE. Effective in fiscal year 2014-15, the Governor's proposal phased in outcome-based funding over three years. The budget contains ten general

criteria of which seven must be selected by each individual district to be used in developing the outcome-based funding formula:

Major Categories of Revenues and Expenditures (Cont.)

1. Placement rate of students in jobs related to students' program of study
2. Number of degrees and certificates awarded in high-demand fields
3. Transition of adult students from basic education to skills training
4. Number of programs or courses with industry-validated curriculum
5. Participation in dual enrollment programs
6. Workforce training provided to businesses and individuals
7. Number of adult students served by basic education courses, adult high school, or English language learning courses, courses that combine basic skills and occupational training as a means of expediting basic skills remediation, and the success rate of adults completing such courses
8. Participation in statewide or regional collaboration or efficiency initiatives
9. Training or other services provided to special populations or demographic groups that can be considered unique to the district
10. Credit for relevant educational experience or training not obtained through an institution of higher education, including skills training received during military service.

The District also receives grants from the State for the development of new programs and specific projects such as workplace literacy, minority recruitment and retention, displaced homemakers, and the visually impaired.

3. **Federal Revenue** – The District receives and accounts for funding provided to students through the Federal Pell Grant Program, as well as Federal Work Study Program (FWSP), and the Federal Supplemental Educational Opportunity Grant Program (FSEOG). Also included are federal grants for specific projects such as Adult Education and Family Literacy Act (AEFL), Carl Perkins Vocational Education Act and the Department of Labor.
4. **Student Fees** - Fees are collected from students for tuition, materials, and miscellaneous items. Tuition and material fee rates are set annually by the WTCS based upon estimated total operating expenditures of all districts. Miscellaneous items include non-resident and out-of-state tuition, community service course fees, testing fees, application fees, and graduation fees.

Major Categories of Revenues and Expenditures (Cont.)

5. Other Institutional Revenue - These revenues are generated by business and industry contracts (38.14 contracts) for customized instruction and technical assistance. Also included are technical preparation contracts (118.15 contracts), interest or investment earnings, and the revenue from enterprise activities. MATC is working towards expanding the use of individual contracts (38.24 contracts) to increase the amount of revenue brought in by the College.
6. Auxiliary Enterprise – This category includes revenues received for commercial type services. These activities enrich the educational experience but are deemed by WTCS to be outside the normal activities of the technical college. Included are Campus Book Stores, Food Service Activities and Child Care Centers. Public Service revenues are also included in this category, which exclusively represents Milwaukee Public Television revenues. Also included here are self-funded insurance proceeds for employee health and dental claims.

Expenditures

Expenditures are classified by function as required by the Wisconsin Technical College System Board. This allows us to provide detail of our primary activity—instruction.

- 1) Instruction – This function includes faculty salaries, instructional materials, academic administration, related clerical support, and other activities that are directly related to the teaching of students in their educational program. All of our Academic & Career Pathway: Creative Arts, Design & Media, Community & Human Services, Business & Management, General Education, Healthcare Services, Manufacturing, Construction & Transportation and STEM are accounted for in this category. This function also includes programs for the improvement of educational methods for teaching and learning.
1. Instructional Resources – This function includes those activities that directly support the teaching and learning process. It includes the libraries, the faculty resource center, multi-media and audio visual aids, instructional resources administration, and clerical support.
2. Student Services – Included in this function are those activities that provide support for students. It includes recruitment, admissions, registration, assessment, counseling, career planning, health services, and the related administration and clerical functions.

Major Categories of Revenues and Expenditures (Cont.)

3. **General Institutional** – This function includes those services that support the entire college. Examples of these areas would be information technology, human resources, printing services, affirmative action, general liability insurance, and marketing and public relations, as well as the business and general administration offices.
4. **Physical Plant** – Included here are all the services required for the operation and maintenance of the physical facilities. It includes maintenance, utilities, public safety, construction services, purchasing, and receiving.
5. **Auxiliary Services** – This function includes commercial type activities. It comprises operating costs for MATC Campus Book Stores, Food Service Activities and Child Care Centers. Costs of providing goods or services for these activities to students, district staff, faculty, or the general public are recovered primarily through user charges and are deemed by the WTCS to be outside the normal activities of the technical college. Also included here are self-funded insurance charges for employee health and dental.
6. **Public Service** – Included here are services that provide general public benefit. Milwaukee PBS's operating expenditures are included in this function.
7. **Planned Cost Savings** – This category includes an estimation of projected realizable savings from vacant full-time positions. Determinations were based on college strategic needs assessment, as well as considerations relating to historical time taken to fill open positions.

Description of Basis Accounting

Generally Accepted Accounting Principles – Financial Statements

Basis of accounting refers to when revenues and expenditures or expenses are recognized in the accounts and reported in the financial statements. Basis of accounting relates to the timing of the measurement made, regardless of the measurement focus applied.

Under generally accepted accounting principles (GAAP), the governmental funds (General, Special Revenue, Capital Projects, and Debt Service) are accounted for on the modified accrual basis. Under the modified accrual basis of accounting, transactions are recorded in the following manner:

1. Revenues are recognized when they become measurable and available (susceptible to accrual). All revenues are considered susceptible to accrual except summer school tuition and fees.
2. Expenditures are recognized when the liability is incurred, except for interest and principal on general long-term obligation debt, which are recognized as expenditures when due. Expenditures for claims and judgments are recognized when it becomes probable that an asset has been impaired or a liability has been incurred.
3. Expenditures for compensated absences, including vacation and sick leave, are recognized when the liability is incurred for past services of an employee that vest and accumulate.
4. Expenditures for capital assets are recognized as capital outlay at the time of purchase.
5. Proceeds of general long-term obligations are treated as a financing source when received.

The Enterprise Fund is accounted for on an accrual basis, whereby revenues are recognized when measurable and earned and expenses are recorded as liabilities are incurred, and where applicable, depreciation expense is recorded.

Governmental Accounting Standards Board (GASB) Statement No. 20 provides that Proprietary Funds may apply all GASB pronouncements, as well as the following pronouncements issued on or before November 30, 1989, unless those pronouncements conflict with or contradict GASB pronouncements: statements and interpretations of

Description of Basis Accounting (Cont.)

the Financial Accounting Standards Board (FASB), Accounting Principles Board (APB) opinions, and Accounting Research Bulletins (ARB's) of the Committee on Accounting Procedure. MATC has elected to apply only those FASB, APB, and ARB pronouncements issued on or before November 30, 1989.

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SECTION II
FINANCIAL DATA

Milwaukee Area Technical College District
 Class I Legal Notice
 NOTICE OF PUBLIC HEARING
 For The Budget Year Ended June 30, 2023

A public hearing on the proposed 2022-23 budget for the Milwaukee Area Technical College District will be held on June 21, 2022 at 4:00 p.m. via Zoom Meeting. You can join by going to Zoom.us, clicking on 'join the meeting' entering the following ID Meeting ID: 848 6969 7781 or dial +1 312 626 6799: (the link: <https://us02web.zoom.us/j/84869697781>) The detailed budget will be made available for public inspection at the district budget office, 700 West State Street, Milwaukee, WI 53233. For more information contact, Jeffrey J. Hollow, CPA, CMA, MBA, Vice-President, Finance, at (414) 297-6663 (via e-mail at hollowj4@matc.edu).

PROPERTY TAX AND EXPENDITURE HISTORY

Year	Equalized	Mill Rates		Total	Percent
	Valuation	Operational	Debt Service	Mill Rate	Inc./Dec.
2018	72,879,221,796	0.66053	0.59688	1.25741	-0.19%
2019	75,676,549,719	0.65076	0.57481	1.22557	-2.53%
2020	79,415,980,799	0.64175	0.54145	1.18321	-3.46%
2021	83,111,403,922	0.63320	0.51738	1.15058	-2.76%
2022	90,311,455,530	0.54894	0.46047	1.00940 ⁽¹⁾	-12.27%
2023	92,208,280,038	0.54849	0.46091	1.00940 ⁽²⁾	0.00%

Year	Total Expenditures	Percent	Tax	Percent	Tax on
	All Funds	Inc./Dec.	Levy	Inc./Dec.	\$100,000 House
2018	371,993,088	-0.04%	91,639,040	1.65%	125.74
2019	367,771,589	-1.13%	92,746,924	1.21%	122.56
2020	368,970,859	0.33%	93,965,582	1.31%	118.32
2021	369,114,162	0.04%	95,626,532	1.77%	115.06
2022	380,279,650	3.02%	91,160,828	-4.67%	100.94
2023	373,687,195	-1.73%	93,075,492	2.10%	100.94

BUDGET/FUND BALANCE SUMMARY - ALL FUNDS

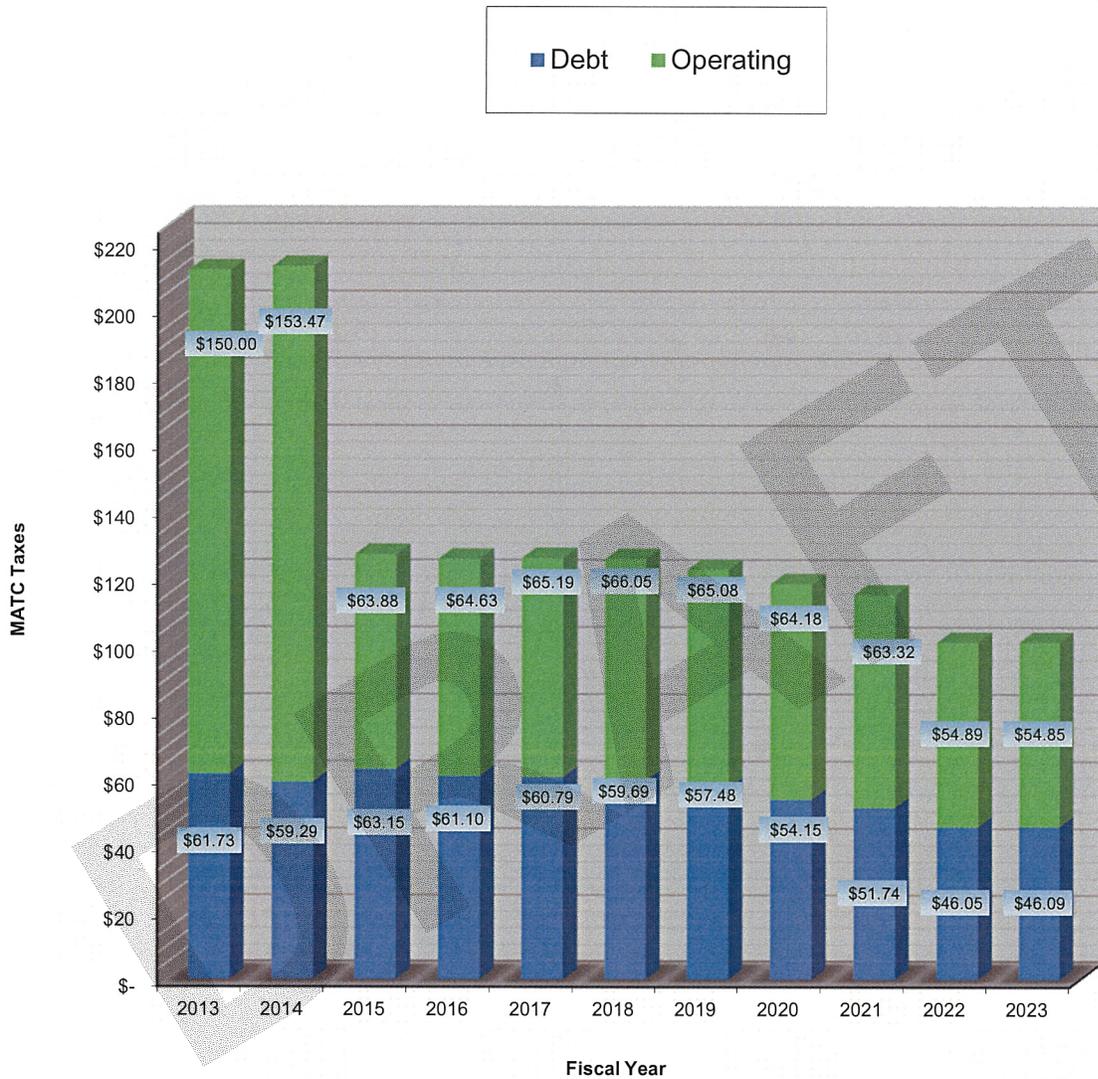
	General	Special	Special	Capital	Debt	Enterprise	Internal	Total
	Fund	Revenue Fund - Operational	Revenue Fund - Non-Aidable	Projects Fund	Service Fund	Fund	Service Fund	
Local Government	\$ 50,575,492	\$ -	\$ -	\$ -	\$ 38,472,034	\$ 4,027,966	\$ -	\$ 93,075,492
Other Budgeted Revenues	122,110,838	16,813,070	32,370,239	950,000	1,714,000	22,655,650	35,830,560	232,444,357
Total Budget Revenues	172,686,330	16,813,070	32,370,239	950,000	40,186,034	26,683,616	35,830,560	325,519,849
Budgeted Expenditures	172,686,330	16,813,070	33,343,813	43,500,941	40,100,000	31,412,481	35,830,560	373,687,195
Excess of Rev. over Exp.	-	-	(973,574)	(42,550,941)	86,034	(4,728,865)	-	(48,167,346)
Proceeds from Debt	-	-	-	35,483,000	-	3,517,000	-	39,000,000
Other Grants	-	-	-	-	-	-	-	-
Other Sources(Uses)	-	-	-	-	-	-	-	-
Est. Fund Balance 07/01/22	\$ 40,331,810	\$ 508,937	\$ 3,139,661	\$ 7,434,413	\$ 23,242,534	\$ 15,089,603	\$ 5,572,445	\$ 95,319,403
Est. Fund Balance 06/30/23	\$ 40,331,810	\$ 508,937	\$ 2,166,087	\$ 366,472	\$ 23,328,568	\$ 13,877,738	\$ 5,572,445	\$ 86,152,057

⁽¹⁾ Years 2018 through 2022 represent actual amounts on a budgetary basis, 2023 is estimated based on current financial projections.

⁽²⁾ Tax Levy is proposed; equalized value is projected, with final value to be determined in fall of 2022

(Continued)

MILWAUKEE AREA TECHNICAL COLLEGE DISTRICT Taxes on \$100,000 House



It is important to note that the 2013 Wisconsin Act 145 (the "Act") was signed into law by Wisconsin's Governor on March 24, 2014. The Act shifted a portion of funding for technical college districts in the State from property taxes levied by the districts to a State aid payment by replacing approximately \$60.4 million (for the MATC district) of property tax levies with a State payment beginning in 2015. In 2021 Joint Committee on Finance passed the motion to increase WTCS Property Tax Relief Aid appropriation by \$29 million in FY2021-22 and \$43 million in FY2022-23. The college's operating levy will be reduced by the same amounts. Years 2013 through 2021 represent actual amounts on the budgetary basis, 2022 is estimated based on current financial projections, and 2023 is the proposed budget. The final tax levy will be set in October, 2022.

MILWAUKEE AREA TECHNICAL COLLEGE

Combined Budget Summary

July 1, 2022 - June 30, 2023

	<u>2020-21</u> <u>Actual</u>	<u>2020-21</u> <u>Budget</u>	<u>2021-22</u> <u>Estimated</u>	<u>2022-23</u> <u>Budget</u>
REVENUES:				
Local Government - property taxes	\$ 95,539,085	\$ 91,119,828	\$ 91,712,040	\$ 93,075,492
Intergovernmental Revenues:				
State	23,866,541	23,475,442	22,978,933	24,286,039
State - Act 145 Funding	60,415,804	64,731,219	64,731,219	64,731,219
Federal	40,718,806	62,194,886	61,884,223	34,064,174
Other Grants-CPB	2,686,182	2,034,466	2,041,578	1,968,199
Other Grants-PBS	546,821	-	-	-
Institutional Revenues:				
Statutory Program Fees	33,227,998	36,804,900	31,478,747	34,066,000
Material Fees	1,188,034	1,313,300	1,207,606	1,307,000
Other Student Fees	6,013,862	6,251,787	5,192,865	4,984,159
Other Institutional	6,280,306	12,764,782	10,799,166	12,935,092
Auxilliary Enterprise	46,388,702	51,821,225	49,682,830	54,102,475
Total Revenue	<u>\$ 316,872,141</u>	<u>\$ 352,511,835</u>	<u>\$ 341,709,207</u>	<u>\$ 325,519,849</u>
EXPENDITURES BY FUNCTION:				
Instruction	\$ 106,994,034	\$ 115,831,794	\$ 110,606,606	\$ 114,958,907
Instructional Resources	4,354,528	5,055,334	4,487,539	5,345,700
Student Services	60,898,891	83,535,315	74,691,058	62,493,680
General Institutional	25,645,974	22,390,681	27,054,017	24,421,819
Physical Plant	102,583,653	118,392,013	114,100,336	112,769,014
Auxiliary Services	41,948,918	46,249,859	45,404,585	49,075,751
Public Services	9,124,258	10,378,487	9,418,957	10,622,324
Planned Cost Savings	-	(1,810,977)	-	(6,000,000)
Total Expenditures	<u>\$ 351,550,256</u>	<u>\$ 400,022,506</u>	<u>\$ 385,763,098</u>	<u>\$ 373,687,195</u>
Revenue over (under) expenditures	\$ (34,678,115)	\$ (47,510,671)	\$ (44,053,890)	\$ (48,167,346)
OTHER FINANCING SOURCES (USES):				
Debt Issued	39,000,000	39,000,000	39,000,000	39,000,000
Total Resources (Uses)	<u>\$ 4,321,885</u>	<u>\$ (8,510,671)</u>	<u>\$ (5,053,890)</u>	<u>\$ (9,167,346)</u>
TRANSFERS TO (FROM) FUND BALANCE:				
Designated for Operations	735,775	-	-	-
Reserved for Student Financial Assistance	(570,023)	-	(250,539)	(973,574)
Reserved for Debt Service	2,253,840	1,000,087	(867,826)	86,034
Retained Earnings	5,721,853	-	148,387	(1,211,865)
Reserved for Capital Projects	494,335	(9,220,758)	(3,652,817)	(7,067,941)
Designated for Self Insurance	-	-	-	-
Total Transfers To (From) Fund Balance	<u>\$ 8,635,780</u>	<u>\$ (8,220,671)</u>	<u>\$ (4,622,795)</u>	<u>\$ (9,167,346)</u>
Beginning Fund Balance	<u>\$ 91,306,418</u>	<u>\$ 99,942,198</u>	<u>\$ 99,942,198</u>	<u>\$ 95,319,403</u>
Ending Fund Balance	<u>\$ 99,942,198</u>	<u>\$ 91,721,527</u>	<u>\$ 95,319,403</u>	<u>\$ 86,152,057</u>
EXPENDITURES BY FUND				
General Fund	\$ 169,276,959	\$ 177,361,010	\$ 174,447,611	\$ 172,686,330
Special Revenue Fund - Operational	7,734,747	19,571,934	14,739,253	16,813,070
Special Revenue Fund - Non-Aidable	40,594,144	48,970,287	48,052,529	33,343,813
Capital Projects Fund	36,255,982	50,514,471	44,946,530	43,500,941
Debt Service Fund	38,786,033	38,638,913	40,416,088	40,100,000
Enterprise Fund	25,804,704	31,465,891	29,661,087	31,412,481
Internal Service Fund	33,097,687	33,500,000	33,500,000	35,830,560
Total Expenditures by Fund	<u>\$ 351,550,256</u>	<u>\$ 400,022,506</u>	<u>\$ 385,763,098</u>	<u>\$ 373,687,195</u>

The 2021-22 budget contains the current revised budget.

MILWAUKEE AREA TECHNICAL COLLEGE
 Combined Budget Summary
 July 1, 2022 - June 30, 2023

	General Fund	Special Revenue Fund - Operational	Special Revenue Fund - Non-Aidable	Capital Projects Fund	Debt Service Fund	Enterprise Fund	Internal Service Fund	Total All Fund
REVENUES:								
Local Government - property taxes	\$ 50,575,492	\$ -	\$ -	\$ -	\$ 38,472,034	\$ 4,027,966	\$ -	\$ 93,075,492
Intergovernmental Revenues:								
State	16,718,519	1,553,820	5,016,900	-	614,000	382,800	-	24,286,039
State - Act 145 Funding	64,731,219	-	-	-	-	-	-	64,731,219
Federal	1,110,000	11,208,274	21,709,580	-	-	36,320	-	34,064,174
Other Grants-CPB	-	-	-	-	-	1,968,199	-	1,968,199
Other Grants-PBS	-	-	-	-	-	-	-	-
Institutional Revenues:								
Statutory Program Fees	34,066,000	-	-	-	-	-	-	34,066,000
Material Fees	1,307,000	-	-	-	-	-	-	1,307,000
Other Student Fees	1,330,400	-	3,653,759	-	-	-	-	4,984,159
Other Institutional and Auxiliary Enterprise	2,847,700	4,050,976	1,990,000	950,000	1,100,000	20,268,331	35,830,560	67,037,567
Total Revenues	\$ 172,686,330	\$ 16,813,070	\$ 32,370,239	\$ 950,000	\$ 40,186,034	\$ 26,683,616	\$ 35,830,560	\$ 325,519,849
EXPENDITURES:								
Instruction	\$ 108,163,385	\$ 6,795,522	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 114,958,907
Instructional Resources	5,345,700	-	-	-	-	-	-	5,345,700
Student Services	23,133,483	6,016,384	33,343,813	-	-	-	-	62,493,680
General Institutional	22,125,655	2,296,164	-	-	-	-	-	24,421,819
Physical Plant	19,918,107	1,705,000	-	43,500,941	40,100,000	7,544,966	-	112,769,014
Planned Cost Savings	(6,000,000)	-	-	-	-	-	-	(6,000,000)
Auxiliary Services (Also Includes Public Television)	-	-	-	-	-	23,867,515	35,830,560	59,698,075
Total Expenditures	\$ 172,686,330	\$ 16,813,070	\$ 33,343,813	\$ 43,500,941	\$ 40,100,000	\$ 31,412,481	\$ 35,830,560	\$ 373,687,195
Revenues Over (Under) Expenditures	\$ -	\$ -	\$ (973,574)	\$ (42,550,941)	\$ 86,034	\$ (4,728,865)	\$ -	\$ (48,167,346)
OTHER FINANCING SOURCES (USES):								
Transfer In (Out)	-	-	-	35,483,000	-	-	-	35,483,000
Debt Issued	-	-	-	(7,067,941)	86,034	(1,211,865)	-	(9,167,346)
Total Resources (Uses)	\$ -	\$ -	\$ (973,574)	\$ (7,067,941)	\$ 86,034	\$ (1,211,865)	\$ -	\$ (9,167,346)
TRANSFERS TO (FROM) FUND BALANCE:								
Designated for Operations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserved for Student Financial Assistance	-	-	(973,574)	-	-	-	-	(973,574)
Reserved for Capital Projects	-	-	-	(7,067,941)	-	-	-	(7,067,941)
Reserved for Debt Service	-	-	-	-	86,034	-	-	86,034
Retained Earnings	-	-	-	-	-	(1,211,865)	-	(1,211,865)
Total Transfers To (From) Fund Balance	\$ -	\$ -	\$ (973,574)	\$ (7,067,941)	\$ 86,034	\$ (1,211,865)	\$ -	\$ (9,167,346)
Beginning Total Fund Balance	\$ 40,331,810	\$ 508,937	\$ 3,139,661	\$ 7,434,413	\$ 23,242,534	\$ 15,089,603	\$ 5,572,445	\$ 95,319,403
Ending Total Fund Balance	\$ 40,331,810	\$ 508,937	\$ 2,166,087	\$ 366,472	\$ 23,328,568	\$ 13,877,738	\$ 5,572,445	\$ 86,152,057

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GENERAL FUND

The General Fund is the primary operating fund of the District, and its accounts reflect all financial activity not required to be accounted for in another fund.

MILWAUKEE AREA TECHNICAL COLLEGE
General Fund
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Local Government - property tax	\$ 52,579,075	\$ 49,534,492	\$ 49,879,473	\$ 50,575,492
Intergovernmental Revenues:				
State	17,197,476	17,086,644	16,927,555	16,718,519
State - Act 145 Funding	60,415,804	64,731,219	64,731,219	64,731,219
Federal	-	4,091,000	6,163,543	1,110,000
Institutional Revenues:				
Statutory Program Fees	33,227,998	36,804,900	31,478,747	34,066,000
Material Fees	1,188,034	1,313,300	1,207,606	1,307,000
Other Student Fees	2,831,152	1,259,500	1,368,875	1,330,400
Other Institutional	2,572,667	2,539,955	2,690,594	2,847,700
Total Revenues	<u>\$ 170,012,206</u>	<u>\$ 177,361,010</u>	<u>\$ 174,447,611</u>	<u>\$ 172,686,330</u>
EXPENDITURES:				
Instruction	\$ 103,352,782	\$ 110,453,639	\$ 106,509,746	\$ 108,163,385
Instructional Resources	4,354,528	5,055,334	4,487,539	5,345,700
Student Services	17,561,462	23,569,482	18,097,886	23,133,483
General Institutional	25,284,926	20,692,448	26,057,267	22,125,655
Physical Plant	18,723,261	19,401,084	19,295,173	19,918,107
Planned Cost Savings		(1,810,977)		(6,000,000)
Total Expenditures	<u>\$ 169,276,959</u>	<u>\$ 177,361,010</u>	<u>\$ 174,447,611</u>	<u>\$ 172,686,330</u>
Revenue over (under) expenditures	\$ 735,247	\$ -	\$ -	\$ -
OTHER FINANCING SOURCES (USES):				
Transfers in (out)	-	-	-	-
Total Resources (Uses)	<u>\$ 735,247</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
TRANSFERS TO (FROM) FUND BALANCE				
Designated for Operations	\$ 735,247	\$ -	\$ -	\$ -
Total Transfers to (From) Fund Balance	\$ 735,247	\$ -	\$ -	\$ -
Beginning Total Fund Balance	<u>\$ 39,596,563</u>	<u>\$ 40,331,810</u>	<u>\$ 40,331,810</u>	<u>\$ 40,331,810</u>
Ending Total Fund Balance	<u>\$ 40,331,810</u>	<u>\$ 40,331,810</u>	<u>\$ 40,331,810</u>	<u>\$ 40,331,810</u>
Reserve % of Revenue	23.72%	22.74%	23.12%	23.36%

The General Fund is used to account for all financial activities except those required to be accounted for in another fund.

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SPECIAL REVENUE FUND

The Special Revenue Fund is used to account for the proceeds of specific revenue sources (other than debt service or major capital projects) that are restricted to expenditures for designated purposes because of the legal or regulatory provisions. MATC has two special revenue funds:

Operating fund – The operating fund is used to account for the proceeds from specific revenue sources other than non-aidable funds that are legally restricted as to expenditures for specific purposes.

Non-aidable fund – The non-aidable fund is used to account for assets held by the District in a trustee capacity, primarily for student aids and other student activities.

MILWAUKEE AREA TECHNICAL COLLEGE
Special Revenue Fund - Operational
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Intergovernmental Revenues:				
State	\$ 815,874	\$ 1,324,659	\$ 912,378	1,553,820
Federal	5,956,284	15,023,532	11,401,680	11,208,274
Institutional Revenues:				
Material Fees	-	-	-	-
Other Student Fees	-	-	-	-
Other Institutional	963,117	3,223,743	2,425,195	4,050,976
Total Revenues	<u>\$ 7,735,275</u>	<u>\$ 19,571,934</u>	<u>\$ 14,739,253</u>	<u>\$ 16,813,070</u>
EXPENDITURES:				
Current:				
Instruction	\$ 3,641,252	\$ 5,378,155	\$ 4,096,860	6,795,522
Student Services	2,743,285	10,995,546	8,540,643	6,016,384
General Institutional	361,048	1,698,233	996,750	2,296,164
Physical Plant	989,162	1,500,000	1,105,000	1,705,000
Total Expenditures	<u>\$ 7,734,747</u>	<u>\$ 19,571,934</u>	<u>\$ 14,739,253</u>	<u>\$ 16,813,070</u>
Revenue over (under) expenditures	\$ 528	\$ -	\$ -	-
Total Resources (Uses)	<u>\$ 528</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
TRANSFERS TO (FROM) FUND BALANCE				
Designated for Operations	\$ 528	\$ -	\$ -	-
Total Transfers to (From) Fund Balance	\$ 528	\$ -	\$ -	-
Beginning Total Fund Balance	<u>\$ 508,409</u>	<u>\$ 508,937</u>	<u>\$ 508,937</u>	<u>\$ 508,937</u>
Ending Total Fund Balance	<u>\$ 508,937</u>	<u>\$ 508,937</u>	<u>\$ 508,937</u>	<u>\$ 508,937</u>

The Special Revenue Fund - Operational is used to account for the proceeds and related financial activity of specific revenue sources that are legally restricted to specific purposes other than expendable trusts or major capital projects.

MILWAUKEE AREA TECHNICAL COLLEGE
Special Revenue Fund - Non-Aidable
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Intergovernmental Revenues:				
State	\$ 5,126,365	\$ 4,335,000	\$ 4,335,000	\$ 5,016,900
Federal	30,232,716	37,279,000	37,279,000	21,709,580
Institutional Revenues:				
Other Student Fees	3,182,710	4,992,287	3,823,990	3,653,759
Other Institutional	1,482,330	2,364,000	2,364,000	1,990,000
Total Revenues	<u>\$ 40,024,121</u>	<u>\$ 48,970,287</u>	<u>\$ 47,801,990</u>	<u>\$ 32,370,239</u>
EXPENDITURES:				
Instruction	\$ -	\$ -	\$ -	-
Instructional Resources	-	-	-	-
Current:				
Student Services	\$ 40,594,144	\$ 48,970,287	\$ 48,052,529	\$ 33,343,813
Physical Plant	-	-	-	-
Total Expenditures	<u>\$ 40,594,144</u>	<u>\$ 48,970,287</u>	<u>\$ 48,052,529</u>	<u>\$ 33,343,813</u>
Total Resources (Uses)	<u>\$ (570,023)</u>	<u>\$ -</u>	<u>\$ (250,539)</u>	<u>\$ (973,574)</u>
TRANSFERS TO (FROM) FUND BALANCE				
Designated for Operations	\$ (570,023)	\$ -	\$ (250,539)	\$ (973,574)
Total Transfers to (From) Fund Balance	\$ (570,023)	\$ -	\$ (250,539)	\$ (973,574)
Beginning Total Fund Balance	<u>\$ 3,960,223</u>	<u>\$ 3,390,200</u>	<u>\$ 3,390,200</u>	<u>\$ 3,139,661</u>
Ending Total Fund Balance	<u>\$ 3,390,200</u>	<u>\$ 3,390,200</u>	<u>\$ 3,139,661</u>	<u>\$ 2,166,087</u>

CAPITAL PROJECTS FUND

The Capital Projects Fund is used to account for financial sources used for the acquisition or construction of major capital assets and remodeling (other than those financed by enterprise funds).

MILWAUKEE AREA TECHNICAL COLLEGE
Capital Projects Fund
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2020-21 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Other Institutional	\$ 1,248,142	\$ 1,586,063	\$ 1,586,063	\$ 950,000
Federal	195,000	4,000,000	4,000,000	
Total Revenues	<u>\$ 1,443,142</u>	<u>\$ 5,586,063</u>	<u>\$ 5,586,063</u>	<u>\$ 950,000</u>
EXPENDITURES:				
Physical Plant	\$ 36,255,982	\$ 50,514,471	\$ 44,946,530	\$ 43,500,941 ***
Total Expenditures	<u>\$ 36,255,982</u>	<u>\$ 50,514,471</u>	<u>\$ 44,946,530</u>	<u>\$ 43,500,941</u>
Revenue over (under) expenditures	\$ (34,812,840)	\$ (44,928,408)	\$ (39,360,467)	\$ (42,550,941)
OTHER FINANCING SOURCES (USES):				
Debt issued	\$ 35,307,175	\$ 35,707,650	\$ 35,707,650	\$ 35,483,000
Total Resources (Uses)	<u>\$ 494,335</u>	<u>\$ (9,220,758)</u>	<u>\$ (3,652,817)</u>	<u>\$ (7,067,941)</u>
TRANSFERS TO (FROM) FUND BALANCE				
Reserved for Capital Projects	\$ 494,335	\$ (9,220,758)	\$ (3,652,817)	\$ (7,067,941)
Total Transfers to (From) Fund Balance	\$ 494,335	\$ (9,220,758)	\$ (3,652,817)	\$ (7,067,941)
Beginning Total Fund Balance	\$ 10,592,895	\$ 11,087,230	\$ 11,087,230	\$ 7,434,413
Ending Total Fund Balance	<u>\$ 11,087,230</u>	<u>\$ 1,866,472</u>	<u>\$ 7,434,413</u>	<u>\$ 366,472</u>

*** For FY22-23, physical plant expenditures includes equipment of \$18,983,000 (includes \$1,500,000 capital reserves) and renovation/remodeling and improvement projects of \$ 18,000,000. Note also that the Public Television activities, has budgeted equipment expenditures of \$3,517,000 funded via debt proceeds, which is shown on pages 108 and 109.

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DEBT SERVICE FUND

The Debt Service Fund is used to account for the accumulation of resources for, and the payment of, general long-term debt principal, interest, and related costs.

MILWAUKEE AREA TECHNICAL COLLEGE
Debt Service Fund
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2020-21 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Local Government - property taxes	\$ 38,874,674	\$ 37,500,000	\$ 37,747,231	\$ 38,472,034
Intergovernmental revenues:				
State	606,132	614,000	614,000	614,000
Federal	-	-	-	-
Other Institutional	14,050	1,525,000	1,187,031	1,100,000
Total Revenues	<u>\$ 39,494,856</u>	<u>\$ 39,639,000</u>	<u>\$ 39,548,262</u>	<u>\$ 40,186,034</u>
EXPENDITURES:				
Debt Service	\$ 38,786,033	\$ 38,638,913	\$ 40,416,088	\$ 40,100,000
Total Expenditures	<u>\$ 38,786,033</u>	<u>\$ 38,638,913</u>	<u>\$ 40,416,088</u>	<u>\$ 40,100,000</u>
Net Resources (Uses)	<u>\$ 708,823</u>	<u>\$ 1,000,087</u>	<u>\$ (867,826)</u>	<u>\$ 86,034</u>
OTHER SOURCES (USES):				
Proceeds from Debt Defeasance	6,345,000			
Refunding Debt Payment	(6,340,181)			
Premium on Issued Debt	1,540,198			
Total Resources (Uses)	<u>\$ 2,253,840</u>	<u>\$ 1,000,087</u>	<u>\$ (867,826)</u>	<u>\$ 86,034</u>
Total Transfers to (From) Fund Balance	\$ 2,253,840	\$ 1,000,087	\$ (867,826)	\$ 86,034
Beginning Total Fund Balance	<u>\$ 21,856,520</u>	<u>\$ 24,110,360</u>	<u>\$ 24,110,360</u>	<u>\$ 23,242,534</u>
Ending Total Fund Balance	<u>\$ 24,110,360</u>	<u>\$ 25,110,447</u>	<u>\$ 23,242,534</u>	<u>\$ 23,328,568</u>

The Debt Service Fund is used to account for the accumulation of resources for payment of general long-term debt principal and interest.

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ENTERPRISE FUNDS

The Enterprise Funds are used to account for ongoing activities which are similar to those often found in the private sector. Their measurement focus is based upon determination of net income. The operations of the various food service centers, bookstores, child care, and other activities which complement the basic educational objectives of the District (i.e., instructional related resale accounts, videoconferences and workshops) are accounted for in the Enterprise Funds. The services are provided primarily through user charges. The television operations accounted for include user charges, grants from the Corporation for Public Broadcasting, and other support, as well as the operating expenses.

MILWAUKEE AREA TECHNICAL COLLEGE
Enterprise Fund Combined
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Local Government - property taxes	\$ 4,085,336	\$ 4,085,336	\$ 4,085,336	\$ 4,027,966
Intergovernmental Revenues:				
State	120,694	115,139	190,000	382,800
Federal	4,334,806	1,801,354	3,040,000	36,320
Other Grants-CPB	2,686,182	2,034,466	2,041,578	1,968,199
Other Grants-PBS	546,821	-	-	-
Spectrum proceeds	-	1,526,021	546,283	1,718,841
Auxiliary revenue	13,291,015	18,321,225	16,182,830	18,271,915
Total Revenues	<u>\$ 25,064,854</u>	<u>\$ 27,883,541</u>	<u>\$ 26,086,027</u>	<u>\$ 26,406,041</u>
EXPENDITURES:				
Instruction	\$ -	\$ -	\$ -	\$ -
Public Services	9,124,258	10,378,487	9,418,957	10,622,324
Physical Plant	7,829,215	8,337,545	8,337,545	7,544,966
Auxiliary Services	8,851,231	12,749,859	11,904,585	13,245,191
Total Expenditures	<u>\$ 25,804,704</u>	<u>\$ 31,465,891</u>	<u>\$ 29,661,087</u>	<u>\$ 31,412,481</u>
Revenue over (under) expenditures	\$ (739,850)	\$ (3,582,350)	\$ (3,575,060)	\$ (5,006,440)
OTHER FINANCING SOURCES (USES):				
Realized Gain (loss) on investment	2,347,146	-	-	-
Unrealized Gain (loss) on investment	144,157	-	-	-
Interest income	277,575	290,000	431,095	277,575
Transfers in (out)	-	-	-	-
Debt issued	3,692,825	3,292,350	3,292,350	3,517,000
Total Resources (Uses)	<u>\$ 5,721,853</u>	<u>\$ -</u>	<u>\$ 148,387</u>	<u>\$ (1,211,865)</u>
TRANSFERS TO (FROM) FUND BALANCE				
Retained Earnings	\$ 5,721,853	\$ -	\$ 148,387	\$ (1,211,865)
Total Transfers to (From) Fund Balance	\$ 5,721,853	\$ -	\$ 148,387	\$ (1,211,865)
Beginning Total Fund Balance	<u>\$ 9,219,363</u>	<u>\$ 14,941,216</u>	<u>\$ 14,941,216</u>	<u>\$ 15,089,603</u>
Ending Total Fund Balance	<u>\$ 14,941,216</u>	<u>\$ 14,941,216</u>	<u>\$ 15,089,603</u>	<u>\$ 13,877,738</u>

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INTERNAL SERVICE FUND

An Internal Service Fund is used to account for the financing of goods or services provided by one department or agency to other departments or agencies on a cost-reimbursement basis. An Internal Service Fund is used to account for all collections and claim payments of the District's health, dental, property, general liability, and workers compensation self-insurance program.

MILWAUKEE AREA TECHNICAL COLLEGE
Internal Service Fund
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Auxiliary	\$ 33,097,687	\$ 33,500,000	\$ 33,500,000	\$ 35,830,560
Total Revenues	<u>\$ 33,097,687</u>	<u>\$ 33,500,000</u>	<u>\$ 33,500,000</u>	<u>\$ 35,830,560</u>
EXPENDITURES:				
Auxiliary Services	\$ 33,097,687	\$ 33,500,000	\$ 33,500,000	\$ 35,830,560
Total Expenditures	<u>\$ 33,097,687</u>	<u>\$ 33,500,000</u>	<u>\$ 33,500,000</u>	<u>\$ 35,830,560</u>
Revenue over (under) expenditures	-	-	-	-
OTHER FINANCING SOURCES (USES):				
Transfers in (out)	-	-	-	-
Total Resources (Uses)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
TRANSFERS TO (FROM) FUND BALANCE				
Designated for Self Insurance	\$ -	\$ -	\$ -	\$ -
Total Transfers to (From) Fund Balance	\$ -	\$ -	\$ -	\$ -
Beginning Total Fund Balance	<u>\$ 5,572,445</u>	<u>\$ 5,572,445</u>	<u>\$ 5,572,445</u>	<u>\$ 5,572,445</u>
Ending Total Fund Balance	<u><u>\$ 5,572,445</u></u>	<u><u>\$ 5,572,445</u></u>	<u><u>\$ 5,572,445</u></u>	<u><u>\$ 5,572,445</u></u>

The Internal Service Funds are used to account for the District's self insurance risk exposure which included payments for health and dental.

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SECTION III
SUPPLEMENTAL DATA

MILWAUKEE AREA TECHNICAL COLLEGE DISTRICT

Student and Campus Statistics

District Students

The median age of our students is 29 years, and they represent a variety of backgrounds. Our graduates have about 93 percent employment rate, and approximately 68 percent of our students are employed within the program area from which they graduated.

District Campuses

In addition to the main campus in Milwaukee, the District also operates three other campuses as well. These locations and square footages are summarized as follows:

(Unaudited)		
Campus	Location	Under Roof Square Footage
Milwaukee Campus	700 West State Street Milwaukee, WI 53233	2,006,431
Mequon Campus	5555 West Highland Rd Mequon, WI 53092	208,918
Oak Creek Campus	6665 South Howell Ave Oak Creek, WI 53154	358,303
West Allis Campus	1200 South 71st Street West Allis, WI 53214	180,365
Total for District		<u>2,754,017</u>

Prepared by District Staff from information supplied by departments of Finance, Construction Services, and Institutional Research.

MILWAUKEE AREA TECHNICAL COLLEGE
Property Tax Levies, Equalized Value and Tax Rates
Historical Comparisons
Fiscal Years 2014-2023

Year	Total Property Tax Levy-All Funds ⁽³⁾		Equalized Value of Taxable Property ⁽¹⁾		Total Property Tax	
	Amount \$	Percent Change	Amount \$	Percent Change	Rate ⁽²⁾	Percent Change
2014	\$ 143,594,580	-1.1%	\$ 67,499,263,273	-1.5%	2.13	0.43%
2015	\$ 86,825,946	-39.5%	\$ 69,017,851,677	2.2%	1.26	-40.86%
2016	\$ 87,896,728	1.2%	\$ 69,908,973,752	1.3%	1.26	-0.06%
2017	\$ 90,150,730	2.6%	\$ 71,560,793,961	2.4%	1.26	0.20%
2018	\$ 91,639,040	1.7%	\$ 72,879,221,796	1.8%	1.26	-0.19%
2019	\$ 92,746,924	1.2%	\$ 75,676,549,719	3.8%	1.23	-2.53%
2020	\$ 93,965,582	1.3%	\$ 79,415,980,799	4.9%	1.18	-3.46%
2021	\$ 95,626,532	1.8%	\$ 83,111,403,922	4.7%	1.15	-2.76%
2022	\$ 91,160,828	-4.7%	\$ 90,311,455,530	8.7%	1.01	-12.27%
2023	\$ 93,075,492	2.1%	\$ 90,311,455,530	0.0%	1.03	2.10%

(1) Due to varying assessment policies in the municipalities contained in the District, the District uses equalized value of taxable property for tax levy purposes. This equalized value of property approximates estimated actual (full) value of taxable property. Beginning January 1, 2000, the value of agricultural land is reflected at its use value rather than its market value.

(2) District property tax rates are shown per \$1,000 of equalized value.

(3) Levy is proposed; equalized value is projected, with final value to be determined in fall of 2022. It is important to note that the 2013 Wisconsin Act 145 (the "Act") was signed into law by Wisconsin's Governor on March 24, 2014. The Act shifted a portion of funding for technical college districts in the State from property taxes levied by the districts to a State aid payment by replacing approximately \$60.4 million (for the MATC district) of property tax levies with a State payment beginning in 2015.

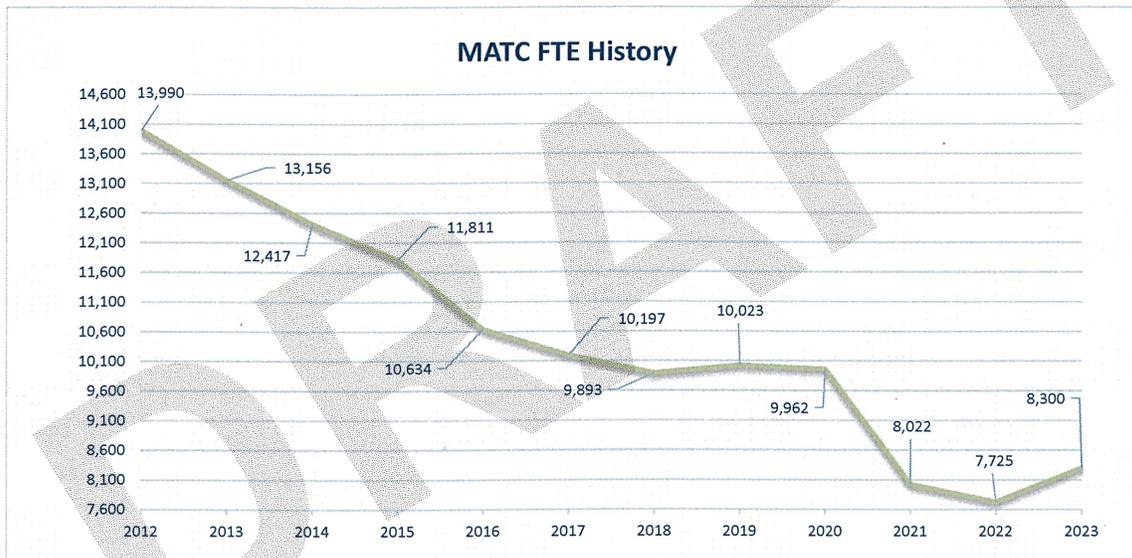
MILWAUKEE AREA TECHNICAL COLLEGE DISTRICT

Year	Full-Time Equivalent ⁽¹⁾ Student Enrollment Statistics				Historical Comparisons Fiscal Years 2013-2023 (Unaudited)		
	College Parallel	Associate Degree	Vocational		Community Service	Non- Postsecondary	Total
			Diploma	Adult			
2013 % of Total	3,415 26%	7,149 54%	915 7%	192 1%	1	1,484 11%	13,156 100%
2014 % of Total	3,245 26%	6,888 55%	909 7%	182 1%	1	1,192 10%	12,417 100%
2015 % of Total	2,972 25%	6,309 53%	935 8%	169 1%	1	1,424 12%	11,811 100%
2016 % of Total	2,605 25%	5,645 53%	888 8%	154 1%	5	1,337 13%	10,634 100%
2017 % of Total	2,524 25%	5,386 53%	882 9%	131 1%	4	1,270 12%	10,197 100%
2018 % of Total	2,559 26%	5,172 52%	890 9%	123 1%	4	1,145 12%	9,893 100%
2019 % of Total	2,733 27%	5,322 53%	936 9%	122 1%	4	906 9%	10,023 100%
2020 % of Total	2,641 27%	5,290 53%	982 10%	109 1%	3	937 9%	9,962 100%
2021 % of Total	2,125 27%	4,667 53%	726 10%	65 1%	—	438 9%	8,022 100%
2022 ⁽²⁾ % of Total	2,046 26%	4,494 58%	699 9%	63 1%	—	422 5%	7,725 100%
2023 ⁽³⁾ % of Total	2,199 26%	4,829 58%	751 9%	67 1%	—	453 5%	8,300 100%

⁽¹⁾ A full-time equivalent (FTE) is equal to 30 annual student credits which is subject to State approval and audit. Beginning 2017, transcripted credit is excluded from the FTE calculation.
⁽²⁾ 2022 FTE totals are estimated.
⁽³⁾ 2023 FTE totals are budgeted.

MILWAUKEE AREA TECHNICAL COLLEGE
Full-Time Equivalent Student Information ⁽¹⁾

	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Actual	2021-22 Projected	2022-23 Projected
FTEs by Type:						
College Parallel	2,559	2,733	2,641	2,125	2,002	2,151
Associate Degree	5,172	5,322	5,290	4,667	4,397	4,724
Technical Diploma	890	936	982	726	684	735
Vocational/Adult	123	122	109	65	61	66
Community Service	4	4	3	-	-	-
Basic Skill	1,145	906	937	438	413	443
Total FTEs	9,893	10,023	9,962	8,022	7,725	8,300



⁽¹⁾ A full-time equivalent student (FTE) is equal to 30 annual student credits (subject to State approval and audit).

MILWAUKEE AREA TECHNICAL COLLEGE

Academic & Career Pathways

MATC's offerings cover a wide spectrum in adult education from Adult Basic Education to Technical Associate Degree programs and many areas in between. Below are MATC's academic pathways grouped by Career Cluster (A) = Associate Degree (T) = Technical Diploma (C) = Certificate.

Business Management Academic & Career Pathway

The Pathway goal is to develop the skills, knowledge and train students to make them competitive in the rapidly changing business and financial services industries. Students in the Business & Management Pathway, will have the opportunity to earn industry-recognized certifications, technical diplomas and associate degrees in accounting, banking and financial services, business management, supply chain management, transportation logistics and more.

Whether the student's goal is to own a business, work for a corporation, a nonprofit organization or a small startup – or to develop the necessary abilities to advance and expand leadership influence – the Business & Management Pathway will equip them with the skills, tools, experience and confidence to succeed.

matc.edu/course-catalog/business-management

- Accounting (A)
- Accounting Assistant (T)
- Accounting Bookkeeper Trainee (C)
- Administrative Professional (A)
- Banking and Financial Services (A)
- Bilingual Office Assistant (T)
- Business Analyst (A)
- Business Management (A)
- Business Management (T)
- Business Management Trainee (C)
- Digital Marketing and Integrated Communications (T)
- Entrepreneurship (T)
- Entrepreneurship (C)
- Event Management (A)
- Financial Services (T)
- Financial Services Trainee (C)
- Foundations of Lodging and Hospitality Management (T)
- Hotel/Hospitality Management (A)
- Human Resources (A)
- Leadership Development (A)
- Marketing – Online Accelerated (A)
- Marketing (A)
- Medical Administrative Specialist (A)

Academic & Career Pathways (Cont.)

- Medical Billing (T)
- Office Technology Assistant (T)
- Property Management (C)
- Real Estate (A)
- Real Estate Broker Associate (T)
- Real Estate Salesperson (C)
- Sales and Customer Experience (T)
- Special Event Management (T)
- Supply Chain Management (A)
- Supply Management (T)
- Transportation – Logistics (T)

Community and Human Services Academic & Career Pathway

The Community & Human Services Pathway has programs to help students gain the skills needed to begin an exciting career. MATC's academic programs train and educate the service-related professionals who provide the lifeblood of a thriving community. Our graduates serve our communities in the areas of firefighting, criminal justice, emergency medical services and human services. They work in barbershops, salons, spas, early childhood education centers, laboratories, legal offices, funeral homes, and many other settings. With input from local employers, MATC's courses are designed to ensure you receive high-quality, career-focused training with the most up-to-date equipment and facilities. Our instructors are dedicated professionals with years of experience in their respective fields.

matc.edu/course-catalog/community-human-services

- Aesthetician (T)
- Aesthetician Skin Care Therapist (A)
- Barber (T)
- Child Care Services (T)
- Cosmetology (T)
- Criminal Justice Studies (A)
- Early Childhood Education (A)
- Emergency Medical Technician (T)
- Emergency Medical Technician – Advanced (T)
- Emergency Medical Technician – Paramedic (T)
- Environmental Health and Water Quality Technology (A)
- Fire Protection Technician (A)
- Funeral Service (A)
- Human Service Associate (A)
- Legal Studies/Paralegal (A)
- Nail Technician (T)
- Paramedic Technician (A)
- Post-Baccalaureate Legal Studies/Paralegal (T)

Academic & Career Pathways (Cont.)

- Preschool (C)
- Sign Language Interpreting in Education (A)
- Water Technician (C)

Creative Arts, Design & Media Academic & Career Pathway

The Creative Arts, Design & Media Pathway provides comprehensive education and training in the arts to prepare students for a career or to transfer to four-year colleges and universities. Our mission is to educate students to deliver their talents and skills through coursework that supports exploration and practical application toward creative industry careers that unify our diverse community.

Students in the Creative Arts, Design & Media Pathway, will discover their artistic expression through the guidance of our talented faculty of industry professionals. This Pathway is for students with passion in animation, gaming, visual media, cooking, baking, music, design, photography, or broadcasting. MATC has a program to help students gain the skills they need to begin an exciting career.

matc.edu/course-catalog/creative-arts-design-media

- Animation (A)
- Audio Engineer (T)
- Audio Production (A)
- Baking and Pastry Arts (A)
- Baking Production (T)
- Computer Simulation and Gaming (A)
- Culinary Arts (A)
- Culinary Assistant (T)
- Digital Imaging (T)
- eProduction (A)
- Food Service Assistant (T)
- Front-End Web Developer (T)
- Graphic Design (A)
- Interior Design (A)
- Music Occupations (A)
- Photography (A)
- Production Artist (T)
- Television & Video Production (A)
- TV/Video Field Production Assistant (T)
- TV/Video Studio Production Assistant (T),
- Unity Developer (T)
- Web & Digital Media Design (A)

General Education Academic & Career Pathway

The General Education Academic & Career Pathway (GenEd ACP) is MATC's largest and most diverse Academic and Career Pathway. MATC offers unparalleled academic and

Academic & Career Pathways (Cont.)

career course combinations in the liberal arts and sciences; the foundation for all academic and career paths. The GenEd ACP fosters educational excellence and interdisciplinary inquiry through our unique blend of course options in the humanities, natural sciences and social sciences. GenEd ACP students have access to choose, explore and sculpt a personalized and individually powerful learning experience suited for their desired academic and/or career paths. GenEd ACP courses will help transform our students into socially aware, critically thinking global citizens who strive to bring about positive change in their communities and beyond

The GenEd ACP's diversity and dynamism serve as an incubator for continued growth and development in any field of study; from business administration and health sciences to manufacturing, human services, technology, engineering, mathematics, chemical technology, chemistry, physical, health, and wellness, psychology, economics and other social sciences to historical and global studies. We cover the whole spectrum for our students to jump start their journey to a four-year university or college

matc.edu/course-catalog/general-education

- Associate of Arts (A)
- Associate of Arts: Online – Accelerated (A)
- Associate of Arts – Community Engagement: Pre-Major (A)
- Associate of Arts – Global Studies: Pre-Major (A)
- Associate of Arts – Teacher Education: Pre-Major (A)
- Associate of Science (A)
- Associate of Science – Chemical Technology: Pre-Major (A)
- Associate of Science – Economics Pre-Major (A)
- Associate of Science – Psychology: Pre-Major (A)
- Individualized Technical Studies (A)

Healthcare Services Academic & Career Pathway

These programs prepare students to be healthcare providers with the necessary leadership skills to strengthen the health and well-being of our community. MATC has state-of-the-art dental clinic, simulation labs and food science kitchen, and many other impressive spaces where students can grow both personally and professionally.

matc.edu/course-catalog/healthcare-services

- Anesthesia Technology (A)
- Cardiovascular Technology – Echocardiography (A)
- Cardiovascular Technology – Invasive (A)
- Central Service Technician (T)
- Community Health and Nutrition Navigator (A)
- Dental Assistant (T)
- Dental Hygiene (A)
- Dietary Manager, (C)
- EKG Technician (C)
- Health Information Technology (A)

Academic & Career Pathways (Cont.)

- Health Unit Coordinator (T)
- Healthcare Customer Service (C)
- Healthcare Services Management (A)
- LPN to ADN Progression (A)
- Medical Assistant (T)
- Medical Coding Specialist (T)
- Medical Interpreter (T)
- Medical Laboratory Technician (A),
- Nursing Assistant (T)
- Nutrition and Dietetic Technician *formerly Dietetic Technician* (A)
- Occupational Therapy Assistant (A)
- Pharmacy Technician (T)
- Phlebotomy (T)
- Physical Therapist Assistant (A)
- Practical Nursing (T)
- Radiography (A)
- Registered Nursing (A)
- Renal Dialysis Technician (T)
- Respiratory Therapist (A),
- Surgical Technology (A)

Manufacturing, Construction & Transportation Academic & Career Pathway

MATC's Manufacturing, Construction & Transportation Pathway encompasses several skilled trades and prepares students for their career or for transfer to a four-year college or university. We focus on the student's achievement, providing a supportive learning environment. Students will work with MATC's diverse industry-expert faculty and other industry professionals to acquire current, in-demand skills. Programs in this Pathway lead to careers related to manufacturing; the building, plumbing and electrical work in residential, commercial and industrial structures; as well as maintenance and repair of appliances, building systems, automobiles, aircraft and diesel trucks. If you are interested in a career in the manufacturing, construction or transportation fields, MATC offers a variety of programs to meet your needs.

matc.edu/course-catalog/manufacturing-construction-transportation

- Advanced Metal Fabrication (T)
- Air Conditioning and Refrigeration Technology (A)
- Appliance Technician (T)
- Architectural Woodworking/Cabinetmaking (T)
- Auto Collision Repair and Finish Technician (T)
- Automated Building Systems (T)
- Automotive Express Lube Technician (C)
- Automotive Maintenance Technician (T)
- Automotive Technology – Comprehensive (A)
- Automotive Technology Maintenance Light Repair (T)
- Aviation Maintenance Technician – General (C)
- Aviation Technician – Airframe (T)

Academic & Career Pathways (Cont.)

- Aviation Technician – Powerplant (T)
- Boiler Operator (C)
- Bricklaying (T)
- Carpentry (T)
- Computer Numerical Control (CNC) Technician (T)
- CNC Setup and Operations (C)
- Dental Technician (T)
- Diesel and Powertrain Servicing (T)
- Electrical Power Distribution/Line Mechanic (T)
- Electricity (T)
- Landscape Horticulture (A)
- Landscape Horticulture Technician (T)
- Machine Tool Operations (T)
- Manufacturing Maintenance (T)
- Power Engineering and Boiler Operator (T)
- Preparatory Plumbing (T)
- Refrigeration, Air Conditioning and Heating Service Technician (T)
- Technical Studies: Apprentice (A)
- Tool and Die Making (T)
- Truck Driving (T)
- Welding (T)
- Welding Fundamentals (C)
- Welding Technology (A)

STEM (Science, Technology, Engineering and Mathematics) Academic & Career Pathway

The certificates, technical diplomas and associate degrees in this Pathway will prepare our Students for a professional career in your chosen STEM (science, technology, engineering, mathematics) field. According to the U.S. Bureau of Labor Statistics, the projected growth rate for STEM fields through 2026 is 10.8%, with 93 of 100 STEM occupations earning wages above the national average. MATC's Students can explore their passion in STEM, experiencing hands-on learning with industry-expert faculty. Each course within your program is designed to strengthen your skills in thinking critically and analytically to solve problems. They will experience real-world learning applicable to specific STEM professions, with a supportive, team approach to learning .Our STEM programs are aligned with industry trends focused on changes in technology, equipment, software and instruction methods.

matc.edu/course-catalog/stem

- Architectural Technology (A)
- Biomedical Electronics Technology (A)
- Civil Engineering Technology (A)
- Chemical Processing Technician (T)

Academic & Career Pathways (Cont.)

- Chemical Technician (A)
- Computer Electronics Technology (A)
- Electronic Engineering Technology (A)
- Electronic Technology – Automation (A)
- Electronics Technician Fundamentals (T)
- Food Science Technology (A)
- IT Computer Support Specialist (A)
- IT Computer Support Technician (T)
- IT Digital Forensics Analyst (T)
- IT Help Desk Support Specialist (T)
- IT Information Systems Security Specialist (A)
- IT Mobile Applications Developer (A)
- IT Network Specialist – Online Accelerated (A)
- IT Network Specialist (A)
- IT Networking and Infrastructure Administration (T)
- IT User Support Technician (T)
- IT Web and Software Developer (A)
- Level 2 – Service Center Technician (C)
- Mechanical and Computer Drafting (T)
- Mechanical Design Technology (A)
- Microsoft Enterprise Desktop Support Specialist (C)
- Quality Engineering Technology, (A)
- Service Center Technician (C)
- Surveying and Mapping (T)

MILWAUKEE AREA TECHNICAL COLLEGE
Equalized Value and Tax Levy Distribution by Municipality
Fiscal Year 2022-23

	TAXABLE EQUALIZED VALUATION ⁽¹⁾	PERCENT OF TOTAL	TOTAL TAX LEVY
<u>Milwaukee County:</u>			
Village of Bayside	\$ 677,364,800	0.750032%	698,096
Brown Deer	\$ 1,059,006,500	1.172616%	1,091,418
Fox Point	\$ 1,268,599,700	1.404694%	1,307,426
Greendale	\$ 1,523,231,300	1.686642%	1,569,851
Hales Corners	\$ 726,642,200	0.804596%	748,882
River Hills	\$ 469,805,500	0.520206%	484,184
Shorewood	\$ 1,700,134,099	1.882523%	1,752,168
West Milwaukee	\$ 379,343,600	0.420039%	390,954
Whitefish Bay	\$ 2,519,736,700	2.790052%	2,596,855
City of Cudahy	\$ 1,337,822,300	1.481343%	1,378,767
Franklin	\$ 4,660,476,700	5.160449%	4,803,113
Glendale	\$ 2,002,250,000	2.217050%	2,063,530
Greenfield	\$ 3,351,144,000	3.710652%	3,453,708
Milwaukee	\$ 33,077,578,200	36.626116%	34,089,937
Oak Creek	\$ 3,957,952,800	4.382559%	4,079,088
St. Francis	\$ 645,469,700	0.714715%	665,225
South Milwaukee	\$ 1,376,356,100	1.524011%	1,418,480
Wauwatosa	\$ 7,139,586,600	7.905516%	7,358,098
West Allis	\$ 4,510,670,100	4.994571%	4,648,722
<u>Ozaukee County:</u>			
Town of Belgium	\$ 129,105,128	0.142955%	133,056
Cedarburg	\$ 1,087,682,400	1.204368%	1,120,972
Fredonia	\$ 128,435,840	0.142214%	132,367
Grafton	\$ 743,781,000	0.823573%	766,545
Port Washington	\$ 255,376,800	0.282773%	263,193
Saukville	\$ 259,726,300	0.287590%	267,675
Village of Bayside	\$ 28,883,700	0.031982%	29,768
Fredonia	\$ 206,597,900	0.228762%	212,921
Grafton	\$ 1,424,741,100	1.577586%	1,468,346
Newburg	\$ 7,265,300	0.008045%	7,488
Saukville	\$ 515,994,900	0.571350%	531,787
Thiensville	\$ 409,868,800	0.453839%	422,413
City of Cedarburg	\$ 1,667,607,600	1.846507%	1,718,646
Mequon	\$ 5,234,737,900	5.796317%	5,394,950
Port Washington	\$ 1,261,639,900	1.396988%	1,300,253
<u>Washington County:</u>			
Town of Germantown	\$ 30,842,800	0.034152%	31,787
Jackson	\$ 182,906,560	0.202529%	188,505
Polk	\$ 81,328,698	0.090054%	83,818
Richfield	\$ 772,070,665	0.854898%	795,700
Village of Germantown	\$ 3,020,445,200	3.344476%	3,112,888
Jackson	\$ 78,094,846	0.086473%	80,485
City of Milwaukee	\$ 8,440,500	0.009346%	8,699
<u>Waukesha County:</u>			
City of Milwaukee	\$ 14,123,000	0.015638%	14,555
New Berlin	\$ 378,587,794	0.419202%	390,175
	<u>\$ 90,311,455,530</u>	<u>100%</u>	<u>\$ 93,075,492</u>

⁽¹⁾ Source: Wisconsin Department of Revenue, as of October, 2022. Valuation is assumed to remain constant for FY22-23 budgetary purposes.

MILWAUKEE AREA TECHNICAL COLLEGE DISTRICT
 Demographic Statistics for Milwaukee and Ozaukee Counties

Historical Data 2011-2021

Year	Population ¹	Number of Households ²	Income per Capita (2015 Dollars) ³	Median Age (Milwaukee County) ⁴	Median Age (Ozaukee County) ⁴	School Enrollments		Annual Graduates (Public and Private) ^{7,8}	Annual Unemployment Rate ⁹
						(Public ⁵ and Private ⁶)	(Public and Private) ^{7,8}		
2011	1,038,050	410,546	\$45,501	33.8	43.4	195,378	9,113	9.0%	
2012	1,041,714	417,656	\$46,534	33.8	43.4	194,344	9,083	8.4%	
2013	1,044,731	414,920	\$45,313	34.0	44.5	194,977	8,726	8.1%	
2014	1,046,126	417,295	\$46,066	34.5	44.3	194,475	8,557	6.7%	
2015	1,046,588	417,346	\$47,467	34.6	43.8	195,691	8,416	5.6%	
2016	1,043,384	416,735	\$47,438	34.7	44.0	194,231	8,559	5.0%	
2017	1,039,018	411,997	\$48,002	35.0	44.4	192,510	8,862	3.9%	
2018	1,037,348	420,542	\$51,636	35.1	44.3	191,531	9,006	3.8%	
2019	1,034,947	419,460	\$52,880	35.2	44.3	191,133	9,012	3.9%	
2020	1,030,992	419,869	\$54,167	35.0	44.0	189,930	11,069	7.9%	
2021	1,020,556	10	10	10	10	184,016	10,503	5.2%	

¹U.S. Census Bureau, Population Estimates: 2015 (2010-2020)

Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2020

Source: U.S. Census Bureau, Population Division

Release Dates: For the United States, regions, divisions, states, and Puerto Rico Commonwealth, December 2016. For counties, municipios, metropolitan statistical areas, micropolitan statistical areas, metropolitan divisions, and combined statistical areas, May 2020.

²U.S. Census Bureau, American Community Survey, Table S1101, 1-year files (2010-2019), 5-year files (2020)

³U.S. Bureau of Economic Analysis, Local Area Personal Income, Personal income per capita personal income, and population (CA 1-3). Inflation Adjusted using BLS CPI

⁴U.S. Census Bureau, American Community Survey, Table B01002, 1-year files

⁵Wisconsin Department of Instruction (DPI), WISEDash Data Files, http://wise.dpi.wi.gov/wisedash_downloadfiles/type

⁶Wisconsin Department of Instruction (DPI), Private (non-Public) School Enrollment Data

⁷Wisconsin Department of Instruction (DPI), Legacy data files (2006-2009), WISE dash Data Files (2010-2021) (4yr completions), http://wise.dpi.wi.gov/wisedash_downloadfiles/type

⁸Wisconsin Department of Instruction (DPI), Public School Graduates only (2010-2019), Public and Private School Graduates (2020-2021)

⁹Wisconsin Department of Workforce Development, Bureau of Workforce Training, Local Area Unemployment Statistics

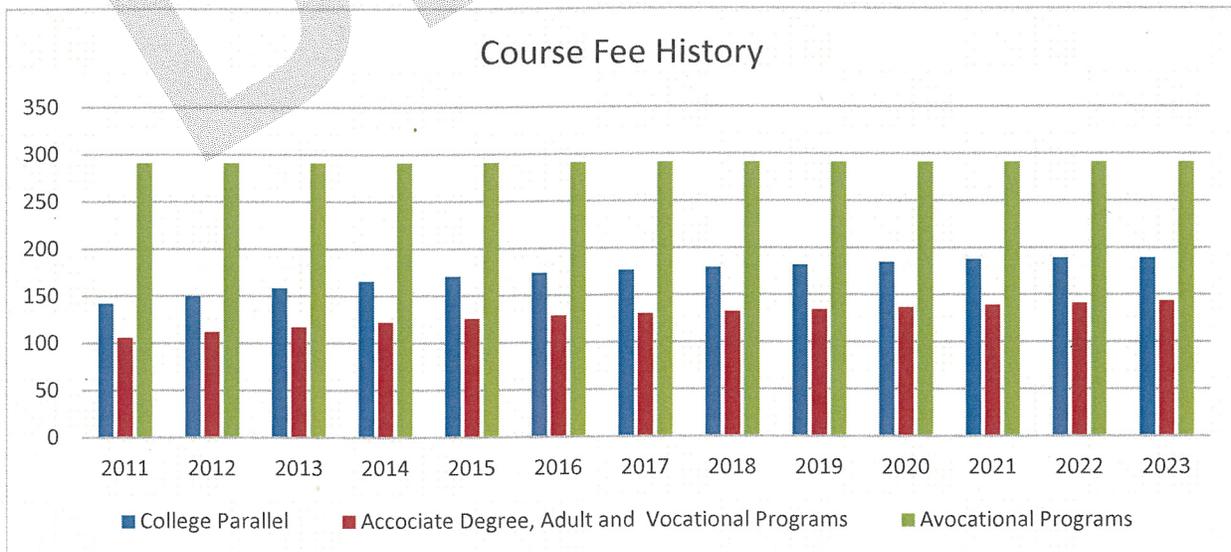
MILWAUKEE AREA TECHNICAL COLLEGE
Course Fee History

Year	College Parallel \$	Percent Change	Associate Degree, Adult, and Vocational Programs \$	Percent Change	Avocational Programs \$	Percent Change
2011	142.20	4.5%	106.00	4.5%	291.00	7.9%
2012	150.00	5.5%	111.85	5.5%	291.00	0.0%
2013	158.25	5.5%	116.90	4.5%	291.00	0.0%
2014	165.40	4.5%	122.20	4.5%	291.00	0.0%
2015	170.35	3.0%	125.85	3.0%	291.00	0.0%
2016	173.75	2.0%	128.40	2.0%	291.00	0.0%
2017	176.35	1.5%	130.35	1.5%	291.00	0.0%
2018	178.80	1.4%	132.20	1.4%	291.00	0.0%
2019	181.50	1.5%	134.20	1.5%	291.00	0.0%
2020	184.60	1.7%	136.50	1.7%	291.00	0.0%
2021	187.85	1.76%	138.90	1.76%	291.00	0.0%
2022	188.90	0.56%	141.00	1.51%	291.00	0.0%
2023	188.90	0.00%	143.45	1.74%	291.00	0.0%

NOTES:

All amounts are per-credit charges.

College Parallel and Associate Degree, Adult, and Vocational Program fees are established by the Wisconsin Technical College System Board. Avocational fees are established by the District Board to cover 100% of instructional cost.



MILWAUKEE AREA TECHNICAL COLLEGE
Program Graduate Follow-Up Statistics ⁽¹⁾

Historical Comparisons
Fiscal Years 2011-2021

Year	Number of Graduates	Number of Followup Respondents	Total Number Available for Employment	Percent Employed ⁽²⁾	Percent Employed in Related Occupation	Percent Employed in District
2011	2,590	1,373	1,189	86.6%	66.4%	80.6%
2012	3,010	1,574	1,327	84.3%	69.3%	79.4%
2013	2,962	1,422	1,247	87.7%	69.0%	79.4%
2014	2,717	1,534	1,424	88.9%	70.6%	80.9%
2015	2,554	1,427	1,301	90.7%	72.5%	75.5%
2016	2,543	1,514	1,347	91.5%	72.3%	74.6%
2017	2,418	1,525	1,241	92.4%	72.3%	70.7%
2018	2,413	1,173	1,063	93.9%	74.5%	74.3%
2019	2,430	1,418	1,147	94.3%	73.3%	71.5%
2020	1,714	1,086	752	85.5%	62.2%	71.5%
2021	2,066	1,221	821	92.6%	67.9%	76.4%

⁽¹⁾ Based on survey of District graduates conducted approximately six months after graduation; Statistics only include graduates of the District's postsecondary vocational-technical programs.

⁽²⁾ Percent computed based upon WTCS standard of Employed / Available for Employment

MILWAUKEE AREA TECHNICAL COLLEGE
Special Revenue Fund - Non-Aidable (Student Financial Aid Activities)
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Intergovernmental revenues:				
State	\$ 5,126,365	\$ 4,335,000	\$ 4,335,000	\$ 5,016,900
Federal	30,232,716	37,279,000	37,279,000	21,709,580
Other Institutional	1,482,330	2,364,000	2,364,000	1,990,000
Total Revenues	<u>\$ 36,841,411</u>	<u>\$ 43,978,000</u>	<u>\$ 43,978,000</u>	<u>\$ 28,716,480</u>
EXPENDITURES:				
Student Services	\$ 37,204,244	\$ 43,978,000	\$ 43,978,000	\$ 28,716,480
Total Expenditures	<u>\$ 37,204,244</u>	<u>\$ 43,978,000</u>	<u>\$ 43,978,000</u>	<u>\$ 28,716,480</u>
Revenue over (under) expenditures	\$ (362,833)	\$ -	\$ -	\$ -
Total Resources (Uses)	<u>\$ (362,833)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
TRANSFERS TO (FROM) FUND BALANCE				
Designated for Operations	\$ (362,833)	\$ -	\$ -	\$ -
Total Transfers to (From) Fund Balance	\$ (362,833)	\$ -	\$ -	\$ -
Beginning Total Fund Balance	\$ 1,152,942	\$ 790,109	\$ 790,109	\$ 790,109
Ending Total Fund Balance	<u>\$ 790,109</u>	<u>\$ 790,109</u>	<u>\$ 790,109</u>	<u>\$ 790,109</u>

The Financial Aid Fund is used to account for those monies provided exclusively and specifically for financial aid students; for example, work study and scholarships would be included.

MILWAUKEE AREA TECHNICAL COLLEGE
Special Revenue Fund - Non-Aidable (Non-Financial Aid Activities)
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Institutional revenues:				
Other Student Fees	\$ 3,182,710	\$ 4,992,287	\$ 3,823,990	\$ 3,653,759
Total Revenues	<u>\$ 3,182,710</u>	<u>\$ 4,992,287</u>	<u>\$ 3,823,990</u>	<u>\$ 3,653,759</u>
EXPENDITURES:				
Student Services	\$ 3,389,900	\$ 4,992,287	\$ 4,074,529	\$ 4,627,333
Physical Plant	-	-	-	-
Total Expenditures	<u>\$ 3,389,900</u>	<u>\$ 4,992,287</u>	<u>\$ 4,074,529</u>	<u>\$ 4,627,333</u>
Total Resources (Uses)	<u>\$ (207,190)</u>	<u>\$ -</u>	<u>\$ (250,539)</u>	<u>\$ (973,574)</u>
TRANSFERS TO (FROM) FUND BALANCE				
Designated for Operations	\$ (207,190)	\$ -	\$ (250,539)	\$ (973,574)
Total Transfers to (From) Fund Balance	\$ (207,190)	\$ -	\$ (250,539)	\$ (973,574)
Beginning Total Fund Balance	\$ 2,807,281	\$ 2,600,091	\$ 2,600,091	\$ 2,349,552
Ending Total Fund Balance	<u>\$ 2,600,091</u>	<u>\$ 2,600,091</u>	<u>\$ 2,349,552</u>	<u>\$ 1,375,978</u>

The Trust and Agency Fund is used to account for assets held by the District as an agent for individuals, private organizations, other governmental units, or other funds.

The Trust and Agency Fund, Fund Balance is reserved for Student Organizations and Athletics.

MILWAUKEE AREA TECHNICAL COLLEGE
Enterprise Fund (Milwaukee PBS Activities)
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Local Government - property taxes	\$ 4,085,336	\$ 4,085,336	\$ 4,085,336	\$ 4,027,966
Intergovernmental Revenues:				
State	-	-	-	-
Federal	-	-	-	-
Other Grants-CPB	2,686,182	2,034,466	2,041,578	1,968,199
Other Grants-PBS	546,821	-	-	-
Spectrum proceeds	-	1,526,021	546,283	1,718,841
Auxiliary revenue	6,946,771	7,487,859	6,400,000	6,657,709
Total Revenues	<u>\$ 14,265,110</u>	<u>\$ 15,133,682</u>	<u>\$ 13,073,197</u>	<u>\$ 14,372,715</u>
EXPENDITURES:				
Auxiliary Enterprise				
Physical Plant	\$ 7,829,215	\$ 8,337,545	\$ 8,337,545	\$ 7,544,966
Public Service	9,124,258	10,378,487	9,418,957	10,622,324
Total Expenditures	<u>\$ 16,953,473</u>	<u>\$ 18,716,032</u>	<u>\$ 17,756,502</u>	<u>\$ 18,167,290</u>
Revenue over (under) expenditures	\$ (2,688,363)	\$ (3,582,350)	\$ (4,683,305)	\$ (3,794,575)
OTHER FINANCING SOURCES (USES):				
Realized Gain (loss) on investment	2,347,146	-	-	-
Unrealized Gain (loss) on investment	144,157	-	-	-
Interest income	277,575	290,000	431,095	277,575
Debt issued	3,692,825	3,292,350	3,292,350	3,517,000
Total Resources (Uses)	<u>\$ 3,773,340</u>	<u>\$ -</u>	<u>\$ (959,859)</u>	<u>\$ -</u>
TRANSFERS TO (FROM) FUND BALANCE				
Designated for Operations	\$ 3,824,391	\$ 959,859	\$ -	\$ -
Designated for Capital	\$ (51,054)	\$ (959,859)	\$ (959,859)	\$ -
Total Transfers to (From) Fund Balance	<u>\$ 3,773,337</u>	<u>\$ -</u>	<u>\$ (959,859)</u>	<u>\$ -</u>
Beginning Total Fund Balance	\$ 6,033,025	\$ 9,806,362	\$ 9,806,362	\$ 8,846,503
Ending Total Fund Balance	<u>\$ 9,806,362</u>	<u>\$ 9,806,362</u>	<u>\$ 8,846,503</u>	<u>\$ 8,846,503</u>

The Milwaukee PBS Fund has been established to combine the various funding resources for public television into one separate and distinct fund in order to present the entire television operation in one section of the budget.

MILWAUKEE AREA TECHNICAL COLLEGE
Enterprise Fund (Milwaukee PBS Activities)
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance
ALTERNATIVE PRESENTATION OF PREVIOUS PAGE

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES: Operating				
Local Government - property taxes	\$ -	\$ -	\$ -	-
Intergovernmental Revenues:				
State	-	-	-	-
Federal - Grants	-	-	-	-
Federal CPB - Grants	2,686,182	2,034,466	2,041,578	1,968,199
Federal PBS - Grants	546,821	-	-	-
Spectrum proceeds	-	1,526,021	546,283	1,718,841
Auxiliary revenue	6,946,771	7,487,859	6,400,000	6,657,709
Total Revenues	<u>\$ 10,179,774</u>	<u>\$ 11,048,346</u>	<u>\$ 8,987,861</u>	<u>\$ 10,344,749</u>
EXPENDITURES: Operating				
	9,124,261	10,378,487	9,418,957	10,622,324
Revenue over (under) expenditures - Operating	<u>\$ 1,055,513</u>	<u>\$ 669,859</u>	<u>\$ (431,096)</u>	<u>\$ (277,575)</u>
REVENUES: Capital (bonds issued)				
	\$ 3,692,825	\$ 3,292,350	\$ 3,292,350	\$ 3,517,000
EXPENDITURES: Capital (Equipment & Renovation)				
	\$ 3,743,879	\$ 4,252,209	\$ 4,252,209	\$ 3,517,000
Revenue over (under) expenditures - Capital	<u>\$ (51,054)</u>	<u>\$ (959,859)</u>	<u>\$ (959,859)</u>	<u>\$ -</u>
REVENUES: Debt Service (Property Taxes)				
	\$ 4,085,336	\$ 4,085,336	\$ 4,085,336	\$ 4,027,966
EXPENDITURES: Debt Service (Principal & Interest)				
	\$ 4,085,336	\$ 4,085,336	\$ 4,085,336	\$ 4,027,966
Revenue over (under) expenditures - Debt Service	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
OTHER FINANCING SOURCES (USES):				
Realized Gain (loss) on investment	2,347,146	-	-	-
Unrealized Gain (loss) on investment	144,157	-	-	-
Interest income	277,575	290,000	431,095	277,575
TRANSFERS TO (FROM) FUND BALANCE				
Designated for Operations	1,055,513	669,859	(431,096)	(277,575)
Designated for Capital	(51,054)	(959,859)	(959,859)	-
Total Other Financing Sources and Fund Balance Transfers	<u>\$ 3,773,337</u>	<u>\$ -</u>	<u>\$ (959,859)</u>	<u>\$ -</u>
Beginning Fund Balance (reserved for operating)	\$ 5,580,414	\$ 8,846,503	\$ 8,846,503	\$ 8,846,503
Beginning Fund Balance (reserved for capital)	452,611	959,859	959,859	-
Total Beginning Fund Balance	<u>6,033,025</u>	<u>9,806,362</u>	<u>9,806,362</u>	<u>8,846,503</u>
Ending Fund Balance (reserved for operating)	8,846,503	9,806,362	8,846,503	8,846,503
Ending Fund Balance (reserved for capital)	959,859	-	-	-
Ending Total Fund Balance	<u>\$ 9,806,362</u>	<u>\$ 9,806,362</u>	<u>\$ 8,846,503</u>	<u>\$ 8,846,503</u>

The Milwaukee PBS Fund has been established to combine the various funding resources for public television into one separate and distinct fund in order to present the entire television operation in one section of the budget.

MILWAUKEE AREA TECHNICAL COLLEGE
Enterprise Fund (Food Service Activities)
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Local Government - property taxes	\$ -	\$ -	\$ -	-
Intergovernmental Revenues:				
State	-	-	-	-
Federal	1,275,000	888,351	1,000,000	-
Auxiliary revenue	294,385	437,100	680,000	733,032
Total Revenues	<u>\$ 1,569,385</u>	<u>\$ 1,325,451</u>	<u>\$ 1,680,000</u>	<u>\$ 733,032</u>
EXPENDITURES:				
Auxiliary Enterprise				
Physical Plant	\$ -	\$ -	\$ -	-
Auxiliary Services	1,698,616	2,261,652	1,934,839	2,141,614
Public Service	-	-	-	-
Total Expenditures	<u>\$ 1,698,616</u>	<u>\$ 2,261,652</u>	<u>\$ 1,934,839</u>	<u>\$ 2,141,614</u>
Revenue over (under) expenditures	\$ (129,231)	\$ (936,201)	\$ (254,839)	\$ (1,408,582)
OTHER FINANCING SOURCES (USES):				
Transfer In (Out)	129,231	936,201	254,839	1,408,582
Debt issued	-	-	-	-
Other Grants	-	-	-	-
Total Resources (Uses)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
TRANSFERS TO (FROM) FUND BALANCE				
Designated for Operations	\$ -	\$ -	\$ -	-
Total Transfers to (From) Fund Balance	\$ -	\$ -	\$ -	-
Beginning Total Fund Balance	\$ -	\$ -	\$ -	-
Ending Total Fund Balance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

The Food Service Fund has been established to combine the various funding resources for food service into one separate and distinct fund in order to present the entire food service operation in one section of the budget. Food Service Cuisine, International Cuisine, Culinary Arts and Baking/Arts which are Food Service instructional operations are accounted for in Enterprise Fund (Other Activities).

MILWAUKEE AREA TECHNICAL COLLEGE
Enterprise Fund (Bookstore Activities)
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Local Government - property taxes	\$ -	\$ -	\$ -	\$ -
Intergovernmental Revenues:				
State	-	-	-	-
Federal	2,300,000	-	1,111,649	-
Auxiliary revenue	4,617,010	7,745,610	6,348,610	7,717,153
Total Revenues	<u>\$ 6,917,010</u>	<u>\$ 7,745,610</u>	<u>\$ 7,460,259</u>	<u>\$ 7,717,153</u>
EXPENDITURES:				
Auxiliary Enterprise				
Physical Plant	\$ -	\$ -	\$ -	\$ -
Auxiliary Services	4,670,800	6,701,642	6,003,304	6,930,738
Public Service	-	-	-	-
Total Expenditures	<u>\$ 4,670,800</u>	<u>\$ 6,701,642</u>	<u>\$ 6,003,304</u>	<u>\$ 6,930,738</u>
Revenue over (under) expenditures	\$ 2,246,210	\$ 1,043,968	\$ 1,456,955	\$ 786,415
OTHER FINANCING SOURCES (USES):				
Transfer In (Out)	(297,694)	(1,043,968)	(348,710)	(1,998,280)
Debt issued				
Other Grants	-	-	-	-
Total Resources (Uses)	<u>\$ 1,948,516</u>	<u>\$ -</u>	<u>\$ 1,108,245</u>	<u>\$ (1,211,865)</u>
TRANSFERS TO (FROM) FUND BALANCE				
Designated for Operations	\$ 1,948,516	\$ -	\$ 1,108,245	\$ (1,211,865)
Total Transfers to (From) Fund Balance	\$ 1,948,516	\$ -	\$ 1,108,245	\$ (1,211,865)
Beginning Total Fund Balance	<u>\$ 3,186,338</u>	<u>\$ 5,134,854</u>	<u>\$ 5,134,854</u>	<u>\$ 6,243,099</u>
Ending Total Fund Balance	<u>\$ 5,134,854</u>	<u>\$ 5,134,854</u>	<u>\$ 6,243,099</u>	<u>\$ 5,031,234</u>

The Bookstore Fund has been established to combine the various funding resources for bookstore into one separate and distinct fund in order to present the entire bookstore operation in one section of the budget.

MILWAUKEE AREA TECHNICAL COLLEGE
Enterprise Fund (Child Care Activities)
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Local Government - property taxes	\$ -	\$ -	\$ -	\$ -
Intergovernmental Revenues:				
State	120,694	115,139	190,000	382,800
Federal	32,401	913,003	928,351	36,320
Auxiliary revenue	892,142	802,156	925,000	855,496
Total Revenues	<u>\$ 1,045,237</u>	<u>\$ 1,830,298</u>	<u>\$ 2,043,351</u>	<u>\$ 1,274,616</u>
EXPENDITURES:				
Auxiliary Enterprise				
Physical Plant	\$ -	\$ -	\$ -	\$ -
Auxiliary Services	2,043,324	2,221,191	2,344,662	2,396,345
Public Service	-	-	-	-
Total Expenditures	<u>\$ 2,043,324</u>	<u>\$ 2,221,191</u>	<u>\$ 2,344,662</u>	<u>\$ 2,396,345</u>
Revenue over (under) expenditures	\$ (998,087)	\$ (390,893)	\$ (301,311)	\$ (1,121,729)
OTHER FINANCING SOURCES (USES):				
Transfer In (Out)	998,087	390,893	301,311	1,121,729
Debt issued	-	-	-	-
Other Grants	-	-	-	-
Total Resources (Uses)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
TRANSFERS TO (FROM) FUND BALANCE				
Designated for Operations	\$ -	\$ -	\$ -	\$ -
Total Transfers to (From) Fund Balance	\$ -	\$ -	\$ -	\$ -
Beginning Total Fund Balance	\$ -	\$ -	\$ -	\$ -
Ending Total Fund Balance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

The Child Care Fund has been established to combine the various funding resources for child care into one separate and distinct fund in order to present the entire child care operation in one section of the budget

MILWAUKEE AREA TECHNICAL COLLEGE
Enterprise Fund (Other Activities)
2022-23 Budgetary Statement of
Resources, Uses, and Changes in Fund Balance

	2020-21 ACTUAL	2021-22 BUDGET	2021-22 ESTIMATED	2022-23 BUDGET
REVENUES:				
Local Government - property taxes	\$ -	\$ -	\$ -	-
Intergovernmental Revenues:				
State	-	-	-	-
Federal	727,405	-	-	-
Auxiliary revenue	540,710	1,848,500	1,829,220	2,308,525
Total Revenues	<u>\$ 1,268,115</u>	<u>\$ 1,848,500</u>	<u>\$ 1,829,220</u>	<u>\$ 2,308,525</u>
EXPENDITURES:				
Auxiliary Enterprise				
Physical Plant	\$ -	\$ -	\$ -	-
Auxiliary Services	438,491	1,565,374	1,621,780	1,776,494
Public Service	-	-	-	-
Total Expenditures	<u>\$ 438,491</u>	<u>\$ 1,565,374</u>	<u>\$ 1,621,780</u>	<u>\$ 1,776,494</u>
Revenue over (under) expenditures	\$ 829,624	\$ 283,126	\$ 207,440	\$ 532,031
OTHER FINANCING SOURCES (USES):				
Transfer In (Out)	(829,624)	(283,126)	(207,440)	(532,031)
Debt issued				
Other Grants	-	-	-	-
Total Resources (Uses)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
TRANSFERS TO (FROM) FUND BALANCE				
Designated for Operations	\$ -	\$ -	\$ -	-
Total Transfers to (From) Fund Balance	\$ -	\$ -	\$ -	-
Beginning Total Fund Balance	\$ -	\$ -	\$ -	-
Ending Total Fund Balance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

The Other Fund has been established to combine the various funding resources for other enterprise activity into one separate and distinct fund in order to present the entire other enterprise operation in one section of the budget. Food Service Cuisine, International Cuisine, Culinary Arts and Baking/Arts which are Food Service instructional operations. Student Housing, and Parking are also accounted for in the Enterprise Fund (Other Activities).

MILWAUKEE AREA TECHNICAL COLLEGE

General Fund

Expenditures by Classification

		2019-20	2020-21	2021-22	2022-23
		ACTUAL	ACTUAL	BUDGET	BUDGET
Salaries					
Administrator	5000	11,516,243	12,106,711	12,803,440	13,256,814
Administrator Sick Leave	5001	14,211	0	-	-
Administrator Retirement	5003	0	0	-	-
Other Pay	5035	0	0	-	-
Professional Non Faculty	5037	5,606,900	6,537,168	7,902,170	7,361,945
Professional Non Faculty Part Time	5038	315,356	430,169	360,600	492,128
Professional Non Faculty Sick Leave	5039	0	0	-	-
Professional Non Faculty Overtime	5040	4,142	9,216	5,300	3,000
Professional Non Faculty Sabbatica	5041	0	0	-	-
Professional Non Faculty Retirement	5042	0	0	-	-
Clerical/Secretarial	5043	6,563,939	6,621,275	7,757,780	7,504,341
Clerical/Secretarial Part Time	5044	982,780	786,484	960,600	855,504
Clerical/Secretarial Sick Leave	5045	8,488	0	-	-
Clerical/Secretarial Overtime	5046	21,818	19,382	23,620	15,000
Clerical/Secretarial Other Pay	5047	0	0	-	-
Clerical/Secretarial Other Pay	5048	0	0	-	-
Technical Paraprofessionals	5055	11,041,461	12,398,427	14,018,460	14,084,832
Technical Paraprofessionals Part Time	5056	1,729,627	1,436,481	1,500,000	1,555,320
Technical Paraprofessionals Sick Leave	5057	5,844	307	-	-
Technical Paraprofessionals Overtime	5058	38,813	81,397	49,400	50,000
Technical Paraprofessionals Other Pay	5059	622	0	-	-
Technical Paraprofessionals Retirement	5060	0	0	-	-
Skilled Crafts	5061	919,548	983,624	973,350	997,155
Skilled Crafts Overtime	5064	13,765	1,050	7,900	-
Service/Maintenance	5067	5,393,581	5,424,300	5,397,100	5,936,538
Service/Maintenance Part Time	5068	617,653	619,674	605,300	604,968
Service/Maintenance Sick Leave	5069	52,060	2,354	-	-
Service/Maintenance Overtime	5070	175,543	213,568	193,600	182,000
Service/Maintenance Other Pay	5071	0	0	-	-
Faculty Full Time	5073	52,355,206	51,318,004	50,989,700	51,079,546
Faculty Part Time	5074	13,107,773	12,052,186	12,772,900	10,695,904
Faculty Summer Full Time	5075	2,459,781	2,994,830	2,592,600	3,147,872
Faculty Summer Part Time	5076	936,055	1,038,563	961,700	1,216,696
Faculty Other Pay	5078	6,532	434	-	-
Faculty Occup Comp	5079	0	0	19,300	20,000
Faculty Retirement	5081	0	0	-	-
Student Employees	5094	485,487	329,637	394,380	700,000
Capital Salaries Overtime	5098	0	0	-	-
Capital Salaries	5099	(1,324,777)	(1,508,085)	(1,798,700)	(1,720,800)
Planned Savings	7451	0	0	(1,810,977)	(6,000,000)
Fringe Benefits					
Health Insurance	5101	18,128,228	17,795,027	24,779,723	26,000,441
Dental Insurance	5102	776,464	909,266	789,900	832,767
Life Insurance	5104	149,223	176,785	150,000	201,400
Retirement	5105	7,376,216	7,357,265	7,616,600	7,237,221
FICA	5106	8,440,847	8,467,674	8,712,400	8,329,512
Long Term Disability	5107	301,323	349,990	300,000	354,100
Prior Service Cost	5157	5,344,140	6,497,255	-	-
Miscellaneous Fringe Benefit	5159	(226,037)	(233,359)	(274,300)	(384,300)
Fringe Benefit	5199	(289,830)	(312,335)	(377,600)	(239,400)
Planned Savings		0	0	-	-
Supplies					
District Inservice	5210	1,455	2,235	3,295	3,260
Seminars and Workshops	5211	97,999	51,349	197,024	338,888
Tuition Reimbursement	5212	57,814	67,614	75,000	75,000
Memberships and Subscriptions	5220	482,782	560,178	733,040	732,527
Classroom and Lab Supplies	5230	769,949	856,237	986,012	826,967
Bad Debt	5231	0	0	-	-
Books	5233	144,477	127,474	152,664	122,970
Instructional Material	5235	149	2,454	655	2,455
Labor Supply Credit Taxable	5236	(160)	(30)	(276)	-
Labor Supply Credit Non-Taxable	5237	(613,834)	(418,150)	(1,121,474)	(427,885)
Maintenance Supply	5238	555,922	406,338	489,682	469,605
Office Supply	5241	83,177	75,647	125,345	112,177
Operating Supplies	5242	65,264	52,850	155,306	86,677

MILWAUKEE AREA TECHNICAL COLLEGE

General Fund

Expenditures by Classification cont'd

		2019-20 ACTUAL	2020-21 ACTUAL	2021-22 BUDGET	2022-23 BUDGET
Supplies cont'd					
Other Supplies	5243	1,381,283	644,275	1,029,072	730,175
GI Supplemental Payments	5435	0	0	-	-
Production Supplies	5244	205,860	211,266	229,365	233,296
Software	5246	205,087	258,927	294,521	328,639
Special Occasions	5247	67,518	33,977	118,028	262,914
Classroom and Lab Equipment	5248	83,037	43,115	69,860	49,583
Office and General Equipment	5249	1,042	2,704	6,207	2,343
Computer Hardware	5250	0	3,765	27,232	12,000
Postage	5259	130,175	103,154	200,546	175,032
Printing and Duplicating	5260	310,649	180,282	270,494	289,537
Public Relations	5265	0	0	970	-
Uncollectible Student Fees	5432	2,316,206	(291,737)	2,000,000	2,000,000
Bank Service Fees	5434	163,763	193,363	170,300	186,519
RRF Indirect Cost	5245	(28,781)	(22,972)	(30,000)	(22,972)
WI GI Bill Supplemental Payments	5435	14,682	4,019	-	4,019
Sales Tax Expense	5655	17,092	5,767	20,000	5,767
Travel		0	0	-	-
Travel Expenses	5201	164,942	31,419	227,286	189,755
Public Information		0	0	-	-
Advertising	5270	503,371	527,189	489,472	434,689
Legal Notices	5271	5,313	4,731	20,000	30,000
Print Advertising	5272	20,992	37,452	40,355	-
Publicity	5273	38,545	23,057	73,124	77,968
Radio Advertising	5274	0	0	-	-
Building Repairs		0	0	-	-
Building Repair Expenses	5280	187,207	155,618	168,289	173,660
Equipment Repairs		0	0	-	-
Classroom and Lab Equipment Repair	5281	373,703	317,114	393,902	384,064
Office and General Equipment Repair	5282	786,386	772,993	955,728	795,741
Rental Expense		0	0	-	-
Equipment Rental	5412	6,849	5,316	10,814	7,540
Room Rental	5418	160,038	164,038	145,000	164,038
Building Rental	5419	865,010	896,248	999,805	365,928
Utilities		0	0	-	-
Gas	5450	169,714	192,381	176,743	178,414
Heat	5451	625,517	958,874	583,000	695,881
Light and Power	5452	2,007,173	1,811,971	1,643,010	1,892,398
Telephone	5454	627,067	736,182	455,000	312,082
Water	5455	233,466	189,282	210,733	227,789
Contracted Services		0	0	-	-
Teacher Certification	5290	30,489	31,840	32,175	32,175
Contracted Instruction	5301	1,300	0	2,000	-
Chiller P.M.	5350	13,296	9,468	9,950	13,296
Cleaning Services	5351	8,300	14,290	10,000	14,290
Contracted Employment	5352	191,156	41,294	287,095	399,327
Elevator P.M.	5353	142,650	150,349	152,700	152,464
Other Contracted Services	5355	1,446,371	1,734,793	2,287,962	2,045,931
Permits and Licenses	5356	5,450	2,094	(13,788)	12,665
Professional and Consulting	5357	459,277	379,262	565,571	526,850
Snow Removal	5358	72,064	58,482	84,500	61,482
Waste Disposal	5359	87,954	97,939	112,500	108,937
Legal Settlements	5366	0	130,688	150,078	200,000
Insurance		0	0	-	-
Liability Insurance	5442	1,258,387	1,096,390	1,405,892	1,365,970
Worker's Compensation	5445	0	0	-	-
Unemployment Insurance	5446	59,673	253,469	250,000	100,000
Worker's Compensation	5447	0	0	-	-
Contingency		0	0	-	-
Contingency	5651	(73,049)	(110,517)	375,000	275,000
Legal		0	0	-	-
Legal Expense	5361	599,599	504,426	478,000	478,000
Total Expenditures		\$ 170,639,844	\$ 169,276,959	\$ 177,361,010	\$ 172,686,330

**MILWAUKEE AREA TECHNICAL COLLEGE
Special Revenue Fund - Operational
Expenditures by Classification**

		2019-20	2020-21	2021-22	2022-23
		ACTUAL	ACTUAL	BUDGET	BUDGET
Salaries					
Administration	5000	\$ 143,400	\$ 141,053	\$ 240,570	\$ 206,659.20
Professional NonFaculty	5037	417,861.09	440,959.04	767,845.00	659,609.40
Professional NonFaculty Part Time	5038	242,476.06	395,888.30	590,803.00	507,523.28
Clerical	5043	1,057.43	-	-	-
Clerical Part Time	5044	87,276.71	282,093.29	129,119.00	110,918.36
Technical Paraprofessionals	5055	856,460.95	985,050.92	1,377,341.00	1,183,190.72
Technical Paraprofessionals Part Time	5056	695,894.75	710,534.65	950,021.00	816,105.84
Service Maintenance	5067	-	-	-	-
Service Maintenance Part Time	5068	-	-	-	-
Faculty Full Time	5073	494,595.46	90,433.89	114,717.00	98,546.47
Faculty Part Time	5074	429,418.73	409,028.85	591,048.00	507,733.75
Faculty Summer Full Time	5075	60,028.33	26,541.86	22,853.00	19,631.64
Faculty Summer Part Time	5076	31,777.45	20,204.94	3,228.00	2,772.98
Faculty Occupational Comp	5079	-	-	-	-
Student Employees	5094	49,257.74	34,285.71	51,705.00	44,416.65
Fringe Benefits					
Health Insurance	5101	406,573.68	298,367.13	603,373.00	518,321.41
Dental Insurance	5102	18,476.73	16,436.85	19,584.00	16,823.44
Life Insurance	5104	2,461.36	2,277.67	12,978.00	11,148.62
Retirement	5105	162,889.30	156,700.24	331,481.00	284,755.37
FICA	5106	257,886.00	267,952.10	350,534.00	301,122.65
Long Term Disability	5107	7,186.55	5,659.49	7,647.00	6,569.08
Prior Service Cost	5157	119,856.53	92,556.47	-	-
Miscellaneous Fring Benefit	5199	-	-	-	-
Supplies					
Seminars and Workshops	5211	350.00	540.00	5,675.00	4,875.05
Tuition Reimbursement	5212	10,881.69	2,919.17	328,220.00	281,954.04
Memberships and Subscriptions	5220	137,479.00	(47,653.67)	39,105.00	33,592.75
Classroom and Lab Supplies	5230	136.54	-	21,806.00	18,732.22
Books	5233	70,953.37	76,775.17	90,181.00	77,469.07
Instructional Material	5235	-	-	11,013.00	9,460.61
Maint. & Cust. Supp : CARES	5238	190,968.65	589,108.56	269,000.00	231,081.70
Office Supplies	5241	6,880.25	10,712.94	27,566.00	23,680.29
Operating Supplies	5242	17,360.63	28,406.92	39,690.00	34,095.29
Other Supplies	5243	452,469.56	1,353,378.09	3,405,548.00	2,925,501.23
Software	5246	17,125.00	367,528.46	500,636.00	430,066.24
Special Occasions	5247	-	-	7,000.00	6,013.28
Classroom Lab Equip	5248	76,141.00	95,886.68	2,141,552.00	1,839,678.37
Computer Hardware	5250	-	95,783.19	1,351.00	1,160.56
Postage	5259	27,031.46	15,664.90	48,302.00	41,493.34
Printing and Duplicating	5260	6,913.59	73,112.60	94,420.00	81,110.54
Advertising	5270	98,232.85	25,526.90	199,110.00	171,043.41
Print Advertising	5272	-	-	-	-
Publicity	5273	194,655.31	20,376.10	22,000.00	18,898.88
Other Expense	5658	54,334.20	43,022.00	155,354.00	133,455.27
Design Center Fees	5662	-	-	-	-
Student Re-Engagement Expense CARES Act	5433	-	-	3,811,000.00	3,273,800.63
Travel					
Travel Expenses	5201	29,543.67	9,970.92	103,451.00	88,868.52
Rental Expense					
Rental of Equipment	5412	9,222.80	-	-	-
Room Rental	5418	-	-	-	-
Contracted Services					
Contracted Instruction	5301	209.80	-	5,770.00	4,956.66
Contracted Curriculum Development	5302	-	-	9,458.00	8,124.80
Contracted Employment	5352	-	-	20,000.00	17,180.80
Other Contracted Services	5355	140,774.69	387,414.82	1,682,594.00	1,445,415.19
Pressional and Consulting	5357	71,702.00	92,276.80	218,521.00	187,718.23
Permits & License	5356	-	10,000.00	-	-
Physical Plant					
Equipment	5840	-	-	-	-
Delegate Agency	5654	104,863.20	85,000.00	107,500.00	92,346.78
RRF Indirect cost	5245	28,779.63	22,971.63	41,264.00	35,447.42
Total Expenditures		\$ 6,231,845	\$ 7,734,747	\$ 19,571,934	\$ 16,813,070

MILWAUKEE AREA TECHNICAL COLLEGE
Special Revenue Fund - Non-Aidable
Expenditures by Classification

		2019-20		2020-21		2021-22		2022-23
		ACTUAL		ACTUAL		BUDGET		BUDGET
Salaries								
Professional Non Faculty	5037	\$ 520,131	\$	\$ 541,608	\$	\$ 678,484	\$	\$ 708,267
Professional Non Faculty Pt	5038	142,858		107,325		192,000		171,000
Professional Non Faculty Sick Lv	5039	-		-		-		-
Professional Non Faculty Retirement	5042	-		-		-		-
Administrator/Managerial	5000	55,060		187,962		185,000		187,366
Clerical	5043	12,777		44,377		43,000		43,000
Clerical	5044	80,781		65,169		100,000		68,000
Technical Paraprofessionals	5055	38,908		(296)		-		-
Technical Paraprofessionals	5056	-		-		-		-
Student Employees	5094	24,594		4,666		22,000		19,000
Student Employees	5095	743,169		348,615		821,000		719,481
Fringe Benefits								
Health Insurance	5101	180,122		256,389		291,352		243,189
Dental Insurance	5102	5,380		9,476		8,817		8,977
Life Insurance	5104	819		1,339		2,409		1,231
Retirement	5105	23,693		56,828		25,307		52,355
FICA	5106	63,597		69,761		40,623		66,321
Long Term Disability	5107	2,082		2,994		2,735		2,779
Supplies								
Seminars and Workshops	5211	-		-		-		-
Memberships and Subscriptions	5220	13,242		12,043		15,000		15,000
Office Supplies	5241	373		455		1,700		1,000
Operating Supplies	5242	49,709		57,284		58,700		68,406
Other Supplies	5243	19,598		29,419		14,500		29,419
Office and General Equipment	5249	6,346		128		-		-
Printing and Duplicating	5260	786		1,427		1,000		1,427
Sales Tax Expense	5655	24,295		1,939		-		-
Travel								
Travel Expenses	5201	13,224		478		-		478
Lodging	5202	11,964		-		17,500		17,500
Meals	5203	30,090		14,643		50,700		50,700
Transportation	5204	45,345		45,185		64,700		74,900
Recruiting	5205	1,554		3,359		23,000		23,000
Public Information								
Publicity	5273	16,950		36,988		22,000		36,988
Rental								
Building Rental	5419	42,538		32,423		54,700		61,000
Contracted Services								
Employment	5352	-		-		-		-
Other Contracted Services	5355	7,018		11,864		25,000		25,000
Officials	5363	29,797		9,848		46,160		47,160
Stats	5364	-		-		-		-
Athletic Physicals	5365	-		-		-		-
Insurance								
Liability	5442	19,006		18,423		23,000		23,000
Other Current Operating Expense								
Student Activities	5501	2,446,670		1,762,062		2,970,900		2,568,870
Student Athletics	5502	-		-		-		-
Capital Outlay								
Equipment	5840	9,996		4,360		12,000		12,000
Grants and Scholarships								
Administrative Expense	5601	6,001		4,000		-		-
Grants	5603	35,048,021		34,951,363		40,793,000		26,006,999
Loans and Scholarships	5604	2,444,791		1,900,242		2,364,000		1,990,000
Total Expenditures		\$ 42,181,285	\$	\$ 40,594,144	\$	\$ 48,970,287	\$	\$ 33,343,813

**MILWAUKEE AREA TECHNICAL COLLEGE
Capital Projects Fund
Expenditures by Classification**

		2019-20 ACTUAL		2020-21 ACTUAL		2021-22 BUDGET		2022-23 BUDGET
Physical Plant								
Interest Expense	5431	\$ 98,550	\$	29,000	\$	-	\$	-
Other Expense	5658	2,000		1,255		8,000		
Building and Fixtures	5820	-		-		-		-
Improvements and Remodeling	5830	23,119,654		19,165,666		22,583,163		20,280,000
Equipment	5840	16,608,034		17,060,061		27,923,308		23,220,941
Total Expenditures		\$ 39,828,238	\$	36,255,982	\$	50,514,471	\$	43,500,941

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**MILWAUKEE AREA TECHNICAL COLLEGE
Debt Service Fund
Expenditures by Classification**

		2019-20		2020-21		2021-22		2022-23
		ACTUAL		ACTUAL		BUDGET		BUDGET
Debt Service								
Principal	5901	\$ 35,870,353	\$	35,408,292	\$	35,654,842	\$	37,741,025
Principal Nonaidable	5902	435,000		500,000		475,000		65,000
Interest	5920	2,454,161		2,316,885		2,159,070		1,851,237
Interest Nonaidable	5921	233,888		288,025		-		67,738
Administrative Expense	5970	294,073		272,831		350,000		375,000
Lease Principal	5980	-		-		-		-
Lease Interest	5990	-		-		-		-
Total Expenditures		\$ 39,287,474	\$	38,786,033	\$	38,638,913	\$	40,100,000

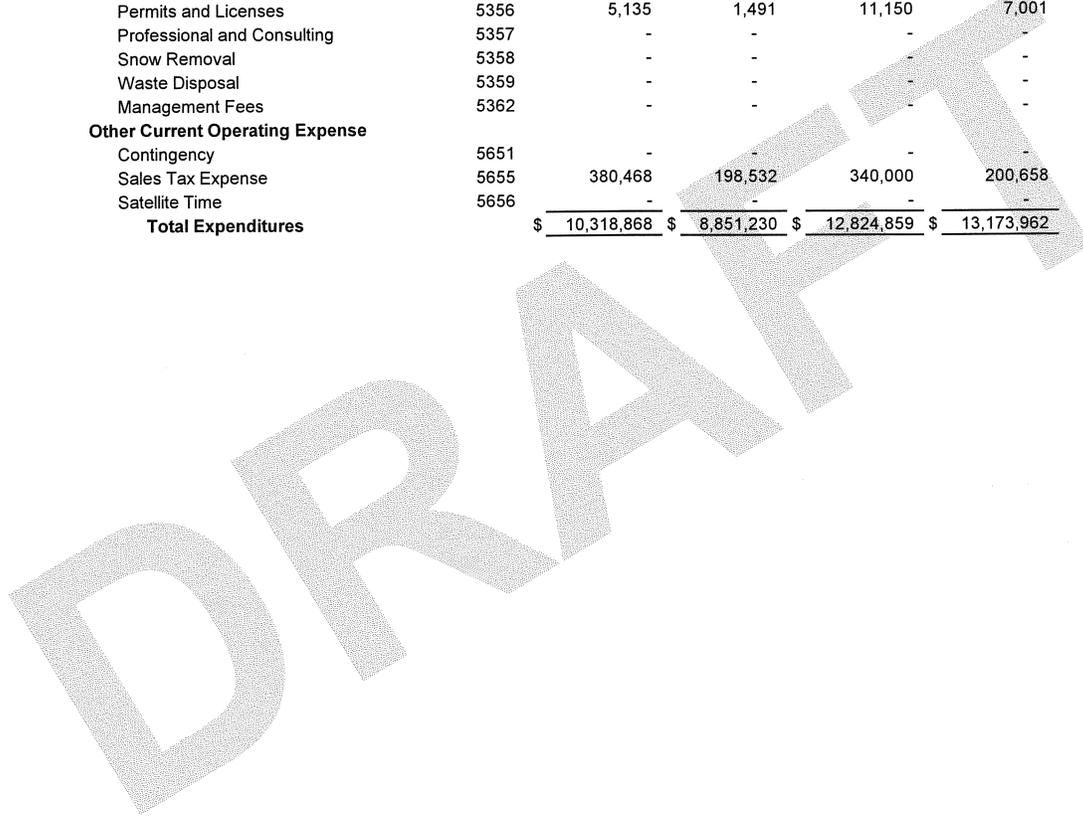
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MILWAUKEE AREA TECHNICAL COLLEGE
Enterprise Fund (Non-Television Activities)
Expenditures by Classification

		2019-20	2020-21	2021-22	2022-23
		ACTUAL	ACTUAL	BUDGET	BUDGET
Resale Merchandise					
Inventory Change	5704	\$ 1,322,486	\$ 305,341	\$ 1,406,408	\$ 1,050,575
Groceries	5705	(1,006,867)	(159,258)	(1,350,000)	(536,674)
Books Inclusive Access	5706	-	-	200,000	-
New Books	5707	3,745,485	2,376,018	3,488,000	3,826,400
Resale Transfer In	5708	366	-	43,000	1,250
Supplies Resale	5711	788,758	330,761	863,030	893,524
Used Books	5712	271,554	187,212	305,000	371,250
Resale Consumable	5713	42,116	8,148	52,500	32,769
Classroom and Lab Supplies	5714	496,596	731,805	999,260	679,283
Returns	5715	-	-	-	-
Salaries					
Administrative	5000	387,804	379,151	301,315	369,958
Admin/Mngrl Retirement	5003	-	-	65,000	-
Professional Non Faculty	5037	201,955	228,988	224,001	239,132
Professional Non Faculty	5038	64,026	195,088	88,199	199,089
Clerical	5043	167,730	159,092	187,206	176,373
Clerical	5044	264,103	198,181	272,525	215,759
Clerical	5045	-	-	-	-
Clerical	5046	186	4,153	-	4,153
Technical Paraprofessional	5055	1,063,884	1,057,665	1,108,907	1,098,610
Technical Paraprofessional	5056	478,078	452,846	545,272	509,767
Technical Paraprofessional	5057	5,680	-	-	-
Technical Paraprofessional	5058	15,839	27,091	7,800	29,491
Technical Paraprofessional	5060	-	-	-	-
Service Maintenance	5067	612,216	510,730	712,000	613,730
Service Maintenance	5068	169,935	134,747	238,450	211,567
Service Maintenance	5069	-	-	-	-
Service Maintenance	5070	880	-	-	-
Student Employees	5094	7,319	2,609	5,232	7,068
Capital Salaries	5099	-	-	-	-
Fringe Benefits					
Health Insurance	5101	985,654	987,431	992,473	1,140,375
Dental Insurance	5102	29,361	35,518	40,788	36,659
Life Insurance	5104	2,678	3,057	3,766	32,887
Retirement	5105	30,682	127,525	185,863	168,423
FICA	5106	253,607	243,239	265,853	277,260
Long Term Disability	5107	7,975	8,458	10,542	9,295
Miscellaneous Fringe Benefit	5159	-	-	-	-
Fringe Benefit	5199	-	-	-	-
Supplies					
District Inservice	5210	-	-	175	175
Seminars and Workshops	5211	-	-	725	1,375
Memberships and Subscriptions	5220	1,355	225	2,020	1,945
Classroom Lab Supplies	5230	-	-	-	-
Bad Debt Expense	5231	-	-	-	-
Books	5233	49	-	130	130
Labor Supplied	5237	(825,090)	(227,778)	(177,133)	(250,000)
Maintenance and Customer Supplies	5238	-	-	-	-
Office Supplies	5241	2,583	2,908	4,045	2,607
Operating Supplies	5242	67,183	45,095	95,500	87,597
Other Supplies	5243	49,395	53,049	131,550	178,690
Production Supplies	5244	(128)	-	-	-
Software	5246	8,195	18,824	23,200	22,824
Office and General Equipment	5249	-	-	-	-
Postage	5259	66	151	420	410
Printing and Duplicating	5260	29,030	3,802	12,700	6,012
Uncollectible Sponsor Fee	5433	-	-	-	-
Bank Service Charges	5434	56,040	28,821	36,950	30,362
Depreciation	5460	-	-	-	-
Travel					
Travel Expense	5201	-	-	3,850	350
Public Information					
Advertising	5270	-	-	-	-
Publicity	5273	-	-	-	-
Building Repairs					
Building Repairs Expense	5280	-	-	-	-
Equipment Repairs					
Classroom and Lab Equipment Repairs	5281	-	-	-	-
Office General Equipment Repairs	5282	21,810	20,010	25,700	24,500

MILWAUKEE AREA TECHNICAL COLLEGE
Enterprise Fund (Non-Television Activities)
Expenditures by Classification cont'd

		2019-20	2020-21	2021-22	2022-23
		ACTUAL	ACTUAL	BUDGET	BUDGET
Rental Expense					
Rental of Equipment	5412	-	-	-	-
Building Rental	5419	-	-	-	-
Utilities					
Gas	5450	-	-	-	-
Light and Power	5452	-	-	-	-
Telephone	5454	-	-	-	-
Water	5455	-	-	-	-
Contracted Services					
Contracted Employment	5352	13,087	-	35,500	32,500
Other Contracted Services	5355	99,599	170,504	1,015,987	1,168,853
Permits and Licenses	5356	5,135	1,491	11,150	7,001
Professional and Consulting	5357	-	-	-	-
Snow Removal	5358	-	-	-	-
Waste Disposal	5359	-	-	-	-
Management Fees	5362	-	-	-	-
Other Current Operating Expense					
Contingency	5651	-	-	-	-
Sales Tax Expense	5655	380,468	198,532	340,000	200,658
Satellite Time	5656	-	-	-	-
Total Expenditures		\$ 10,318,868	\$ 8,851,230	\$ 12,824,859	\$ 13,173,962



MILWAUKEE AREA TECHNICAL COLLEGE
Enterprise Fund (Milwaukee PBS Activities)
Expenditures by Classification

		2019-20 ACTUAL	2020-21 ACTUAL	2021-22 BUDGET	2022-23 BUDGET
Salaries					
Administrative	5000	\$ 962,402	\$ 973,384	\$ 904,337	\$ 1,083,397
Administrative	5003	-	-	-	-
Administrative	5035	-	-	-	-
Professional Non Faculty	5037	1,014,620	984,711	981,959	1,026,155
Professional Non Faculty	5038	127,649	78,532	269,485	162,000
Professional Non Faculty	5039	-	-	-	-
Clerical	5043	405,021	329,685	461,911	339,707
Clerical	5045	-	-	-	-
Clerical	5044	1,399	-	-	-
Clerical	5046	-	3,984	-	3,984
Commissions	5052	-	-	-	-
Technical Paraprofessional	5055	1,937,245	1,912,082	2,087,197	1,913,922
Technical Paraprofessional	5056	-	-	37,716	12,000
Technical Paraprofessional	5057	-	-	-	-
Technical Paraprofessional	5058	29,957	29,792	55,000	49,147
Technical Paraprofessional	5060	-	-	-	-
Student Employees	5094	30,916	14,500	44,786	44,786
Capitalized Salaries	5099	(463,524)	(248,589)	(583,850)	(416,000)
Fringe Benefits					
Health Insurance	5101	1,176,366	1,238,230	1,331,075	1,282,010
Dental Insurance	5102	39,202	49,598	54,316	52,683
Life Insurance	5104	5,672	6,504	8,296	6,505
Retirement	5105	290,640	272,044	297,914	282,973
FICA	5106	330,555	315,507	367,468	323,453
Long Term Disability	5107	14,452	15,955	16,612	16,063
Miscellaenous Fringe Benefit	5159	-	-	-	-
Miscellaenous Fringe Benefit	5199	(156,653)	(82,102)	-	(140,000)
Supplies					
Seminars and Workshops	5211	1,420	2,484	14,000	14,000
Memberships and Subscriptions	5220	16,517	13,503	26,055	72,374
Books	5233	-	-	665	500
Labor Supp	5237	-	-	-	-
Maint & Cust. Supp	5238	-	-	-	-
Office Supplies	5241	4,496	2,416	11,500	8,630
Other Supplies	5243	373,078	325,142	437,100	455,483
Office and General Equipment	5249	-	-	250	250
Postage	5259	240,188	237,826	303,620	274,823
Printing and Duplicating	5260	442,964	454,598	471,750	467,705
Bank Service Fees	5434	187,729	226,204	195,350	227,806
Telemarketing	5657	-	-	-	-
Affiliation	5660	67,227	68,196	75,000	75,000
Audience Research	5661	123,943	130,422	138,000	144,000
InService Training	5663	-	-	3,000	2,500
Records/Music	5669	2,350	2,350	2,500	2,500
Remote Studio Supplies	5671	2,200	818	6,750	6,000
Special Projects	5672	(1,109)	54	9,350	12,350
Technical Operations	5674	288,066	302,851	338,000	338,000
Traffic	5675	4,375	2,505	12,000	12,000
Vehicle Supplies	5676	9,291	6,355	14,500	14,000
Videotape	5677	3,765	4,404	4,500	4,500
Network Program Service	5665	280,985	276,597	300,000	300,000
Program Acquisition	5667	-	-	5,000	5,000
Equipment Repairs					
Office and General Equipment Repair	5282	-	-	-	-
Travel					
Travel Expense	5201	30,513	6,195	79,000	71,015
Public Information					
Advertising	5270	207,866	225,943	302,000	292,000
Publicity	5273	806	445	5,500	5,695
Repairs					
Production Equipment Repair	5666	-	-	-	-
Studio Equipment Repair	5673	12,323	7,354	23,000	15,000
WMVS Transmitter Repairs	5678	35,448	33,113	40,000	35,000
Utilities					
Gas	5450	-	2,683	-	2,683
Light and Power	5452	106,167	103,957	75,000	103,958
Telephone	5454	23,194	23,116	30,000	25,000
Water	5455	11,652	12,116	12,000	12,616

MILWAUKEE AREA TECHNICAL COLLEGE
 Enterprise Fund (Milwaukee PBS Activities)
 Expenditures by Classification cont'd

		2019-20 ACTUAL	2020-21 ACTUAL	2021-22 BUDGET	2022-23 BUDGET
Contracted Services					
Contracted Employment	5352	-	6,961	10,000	10,000
Other Contracted Services	5355	631,418	576,497	732,000	831,151
Professional and Consulting	5357	73,213	91,439	53,000	208,900
Other Current Operating Expense					
Insurance	5442	7,999	8,113	8,125	8,600
Other Insurance	5443	-	-	-	-
Commissions	5360	-	-	-	-
Legal	5361	9,632	10,804	40,000	30,000
Sales Tax Expense	5655	399	413	1,000	1,000
Other Expense	5658	28,210	7,295	42,250	14,500
Capital Outlay					
Improvements	5830	-	-	-	-
Equipment	5840	3,733,100	3,743,879	4,252,209	3,517,000
Program Production	5668	16,098	57,270	222,500	475,000
Debt Requirements					
Principal	5902	3,704,647	3,821,708	3,821,708	3,857,994
Interest	5921	286,976	263,628	263,628	169,972
Total Expenditures		\$ 16,713,062	\$ 16,953,473	\$ 18,716,032	\$ 18,167,290

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MILWAUKEE AREA TECHNICAL COLLEGE
Internal Service Fund
Expenditures by Classification

		2019-20		2020-21		2021-22		2022-23
		ACTUAL		ACTUAL		BUDGET		BUDGET
Auxiliary Services								
Professional and Consulting	5357	\$ -		\$ -		\$ -		\$ -
Self Retention	5445	(197)		(660)		-		-
Stop Loss Insurance	5448	817,461		859,691		1,575,000		1,407,987
Paper	5679	-		-		-		-
Health Claims	5680	17,776,129		17,746,138		23,100,000		20,555,400
Health Premiums	5681	-		-		-		-
Dental Claims	5682	840,414		996,387		1,000,000		981,046
Dental Premiums	5683	122,819		116,128		150,000		-
Prescriptions	5684	4,181,306		4,410,307		(250,000)		4,339,532
Retirement Normal Cost	5685	6,822,193		7,975,172		7,112,600		7,099,149
Biometric Testing & Wellness	5687	-		31,640		137,400		22,603
Administrative	5697	809,519		962,884		675,000		1,424,843
Total Expenditures		\$ 31,369,644		\$ 33,097,687		\$ 33,500,000		\$ 35,830,560

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Attachment 7 - c

	Fiscal Year 2022-23 Requested	% of Total Requested
Academics	\$6,699,462	30%
College Advancement	\$321,665	1%
Construction Services	\$4,256,968	19%
Facilities	\$522,820	2%
Finance	\$89,718	0%
IT & Support Services	\$6,288,500	28%
Public Safety	\$359,492	2%
Human Resources	\$100,000	0%
Enter/Stay (formerly Student Services)	\$344,375	2%
Milwaukee PBS	\$3,517,000	16%
Totals	\$22,500,000	100%

Amount Requested	ACADEMICS
	BUSINESS & MANAGEMENT PATHWAY
\$121,885	Business & Management audio/visual and computer equipment
	COMMUNITY & HUMAN SERVICES PATHWAY
\$329,000	Fire Protection equipment
\$234,000	Police safety and tactical equipment
\$69,760	Barber/Cosmetology/Aesthetician/Nail Tech equipment
\$9,000	Audiovisual Equipment for Human Service Associate program
\$8,000	Furniture for Sign Language Interpreting in Education
\$7,800	Audiovisual Equipment for Early Childhood Education program
\$5,000	iPads for Basic EMT students
	CREATIVE ARTS, DESIGN, & MEDIA PATHWAY
\$214,000	Sony Studio Camera System for Television and Video Production program
\$133,090	New computers, VR rigs, and software for Photography
\$79,000	Appliances for Culinary Arts program
\$72,000	iMac computers for Graphic Design
\$38,000	New computer workstations and equipment for Animation
\$35,400	New computers and augmented reality devices for Computer Simulation and Gaming
	GENERAL EDUCATION PATHWAY
\$9,400	Folding Art Horse
\$7,500	Computers and software
\$6,580	Furniture
\$5,750	Fitness equipment - Leg Press
	HEALTHCARE PATHWAY
\$459,460	Ultrasound system, array probes, and vascular flo-lab machine for Diagnostic Medical Sonography program
\$281,594	Ventilators and auscultation manakin for Respiratory Therapy
\$243,400	Cardiovascular ultrasound equipment
\$159,495	Dental Hygiene X-ray equipment
\$51,618	Furniture, training mannequins, and medical/lab equipment for Medical Assistant program
\$10,000	Incubator for Medical Laboratory Technicians
\$5,746	Nasco advanced 4-vein venipuncture training aid for Phlebotomy
\$1,900	Pediatric equipment for Occupational Therapy Assistant program
	LEARN
\$341,137	3 year software contracts for online learning

MANUFACTURING, CONSTRUCTION, & TRANSPORTATION PA

\$233,218	New sleeper truck with equipment package and radios for Truck Driver program
\$127,650	Trainers, conduit machines and materials, and electric vehicle equipment for Electrician Apprentice program
\$110,000	Vehicles and tools to meet accreditation standards for Automotive Maintenance
\$100,000	Desks, vehicles, TVs, and hybrid charger for Automotive Technology program
\$72,000	Comparators, stands, computers, and second electronic height gage for Machine Tool Operations
\$72,000	Tool room lathes for Tool and Die Making
\$71,500	Airframe shop, tool storage units, and forklift for Aviation Technician programs
\$66,800	Equipment and tooling for Welding
\$60,000	Engine Lathes for CNC Technicians
\$60,000	Desks, drafting equipment, computers, and cooler for spot welder for Sheet Metal Worker Apprentice program
\$52,000	New modeling computer and machinery for Dental Technician program
\$47,000	Trailer Training Package for Diesel and Powertrain Servicing
\$31,000	Tooling, inspection test kits, and weld fixture tables for Welding Technology program
\$24,000	Industrial Multimeter Combo Kit for Industrial Electrician Apprentice program
\$24,750	Equipment for Auto Collision Repair program
\$10,000	Enclosed cargo trailer for Landscape Horticulture
\$8,000	Heat treat oven and tooling for Machinists
\$7,128	Monitors for Air Conditioning program
\$5,100	Tungsten grinding station with vacuum filter for Advanced Metal Fabrication

STEM PATHWAY

\$169,900	Laboratory equipment and models
\$142,200	Laptops, mobile devices, and appliances for IT program
\$89,433	Computer and software licenses for Electronics programs
\$25,000	Ultraviolet Visible Spectroscopic Instrument for Chemical Technician program
\$16,560	Biomedical Safety Analyzer

EMPLOYER & COMMUNITY ED SERVICES

\$124,325	Walkers Square laptops and Cyber Café screens
\$48,975	Oak Creek new computers
\$32,075	Downtown Xerox, monitors, and laptops

ACADEMIC INFORMATION TECHNOLOGY & AUDIOVISUAL EQU

\$700,000	PC & laptop replacements
\$378,724	Multimedia room upgrades
\$375,000	Capitalized salaries and benefits
\$350,000	Software licenses
\$105,609	Converting classroom to connected classroom
\$20,000	Spare for failures, projectors, switches, speakers, microphones,

\$6,699,462

Total Academics

Amount Requested	COLLEGE ADVANCEMENT
\$198,000	UV-curable LED inks wide format printer
\$75,600	Furniture for Call Center
\$21,648	Furniture for Printing Services staff
\$12,000	Large format heat transfer heat press
\$8,320	RealEyes software licenses for Marketing
\$6,097	Camera equipment and lenses
\$321,665	Total College Advancement
Amount Requested	CONSTRUCTION SERVICES
\$1,910,000	Furniture
\$540,000	Minor furniture and FF&E
\$400,000	Emergency safety equipment
\$220,000	Showcase of school pride & employer/ donor wall
\$180,000	A/V Installations
\$150,000	Signage Improvements
\$150,000	Controls conversions - pneumatic to DDC (Metasys)
\$145,000	Capitalized salaries & fringe benefits
\$112,500	Security cameras
\$100,000	Window treatments
\$81,068	Projectmates Project management software
\$80,000	Building automation system GUI upgrades (Metasys)
\$68,000	Building automation controls tied to construction projects
\$55,000	Community artwork installations
\$35,400	Akitabox floorplan/asset management software
\$30,000	Green roof bike rack
\$4,256,968	Total Construction Services

Amount Requested	<i>FACILITIES</i>
\$326,700	Vehicles
\$99,000	Landscaping vehicles and equipment
\$50,000	District-Wide Wifi clocks
\$14,400	24" iMop floor cleaners
\$12,220	Carpet extractor
\$10,000	Replacement air unit in Ford Lab that serves Horticulture labs
\$6,500	Repurposing M66 for storage
\$4,000	Cell Phone charging station(maintenance room)
\$522,820	Total Facilities
Amount Requested	<i>FINANCE</i>
\$63,718	College-wide contingency
\$26,000	lonwave contract management software
\$89,718	Total Finance

Amount Requested	<i>IT AND SUPPORT SERVICES</i>
\$1,069,500	Capitalized salaries and benefits
\$870,000	Ellucian Cloud Contract
\$850,000	Colleague System Software
\$700,000	Network Infrastructure / Wireless
\$468,000	Network OS & Application Software
\$350,000	Security Improvements
\$350,000	Blackboard Learning Management System
\$335,000	EAB Navigate System Software
\$300,000	Enterprise Software Applications
\$275,000	Classroom & IDF Switches
\$175,000	Cisco unified communications equipment and software
\$100,000	Data Center & UPS Equipment Upgrades
\$100,000	Contracted Services
\$100,000	Data Center Equipment
\$100,000	Ellucian Contracted Programming
\$90,000	Internet / Network Firewalls
\$56,000	Upgrades to conference rooms
\$6,288,500	Total IT & Support Services

Amount Requested	PUBLIC SAFETY
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\$100,000	Wash bay stations
\$80,792	Cameras
\$37,600	Storage system for physical keys
\$30,000	Fire extinguisher replacement
\$20,000	Shock strips (bird repellent) for seagulls
\$24,300	Office furniture and shelving
\$14,000	Body armor for officers
\$14,000	Haws 7650 Axion eye pods
\$12,000	Software development
\$10,800	Computers
\$8,500	Link 360 software
\$7,500	AED cabinets
\$359,492	Total Public Safety

Amount Requested	HUMAN RESOURCES
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\$100,000	Furniture, A/V equipment, computers and software
\$100,000	Total Human Resources

Amount Requested	STUDENT RETENTION & COMPLETION
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\$85,000	Library databases
\$56,960	RFID library security gates with usage counter
\$40,500	Furniture, sound masking system, and modular walls
\$36,000	Collection of library reserve textbooks and reference Books
\$35,000	Install walk in refrigerator
\$26,250	Update existing flooring in Childcare space
\$20,000	Anatomy & Physiology models
\$18,000	Laptops to be used in the ASC's
\$10,000	Paramedic program collection (print materials)
\$9,690	86" 4k TV and mounting hardware
\$6,975	Paramedic program DVD collection
\$344,375	Total Student Retention and Completion

Amount Requested	MILWAUKEE PBS
\$2,400,000	TV Program Services
\$500,000	Local TV Production Capital Labor and Expenses
\$183,000	4K EFP Cameras and Lens package
\$100,000	SpectraLogic LTO 9 Archive upgrade
\$70,000	Record/Replay Server System
\$56,000	Capital equipment Labor Cost @ 10%
\$36,000	Technical Monitoring Package
\$35,000	Studio & Field Lighting Instruments
\$30,000	Production Server 4K Upgrade
\$25,000	Chyron Graphics Unit 4K Upgrade
\$25,000	Television Terminal Equipment
\$20,000	LAN Computers & Printers
\$15,000	Vantage Server Replacement
\$12,000	FCC Compliance Equipment
\$10,000	Broadcast Audio Updates
<hr/> \$3,517,000	Total Milwaukee PBS
<hr/> \$15,800,538	Total Non Academic
<hr/> \$22,500,000	Total Budget