

August 6, 2012

NOTICE TO RESIDENTS OF THE MILWAUKEE AREA
TECHNICAL COLLEGE DISTRICT, WISCONSIN

A regular open meeting of the **EDUCATION, SERVICES, AND INSTITUTIONAL RELATIONS COMMITTEE** of the Milwaukee Area Technical College District Board, Wisconsin, will be held in the **BOARD ROOM (ROOM M210)** of the **MILWAUKEE AREA TECHNICAL COLLEGE**, 700 West State Street, Milwaukee, Wisconsin on **Tuesday, August 21, 2012**, beginning at **5:00 P.M.***

The agenda for said meeting is presented as follows:

A. Roll Call

B. Compliance with the Open Meetings Law

C. [Approval of Minutes – June 21, 2012 - Attachment 1](#)

D. Comments from the Public

E. Action Items

1. [Resolution \(E0045-8-12\) to Approve New Apprenticeship Program Implementation For Program Titled Industrial Manufacturing Technician Apprenticeship \(50-420-9\) – Attachment 2](#)
2. [Tentative Meeting Schedule – Attachment 3](#)

F. Discussion Items

1. [Quarterly Advisory Committee Report – Attachment 4](#)

G. Information Items

1. Enrollment/Deregistration Update
2. Registered Nursing Program NCLEX-RN Scores Update
3. Oak Creek Campus Children's Center Accreditation Update

H. Miscellaneous Items

1. Communications and Petitions
2. Information Items

I. Old Business/New Business

1. Date of Next Meeting: **September 18, 2012**
Board Room (M210)
Milwaukee Campus

Committee Members: Baker, Dull, Webber

* **Other members of the MATC Board may be present, although they will not be participating as members of this committee. 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 into Open Session to take action on any item discussed in Closed Session.**

Reasonable accommodations are available through the ADA Office for individuals who need assistance. Please call 414-297-6610 to schedule services at least 48 hours prior to the meeting.



Attachment ESIR - 1

MILWAUKEE AREA TECHNICAL COLLEGE DISTRICT BOARD EDUCATION, SERVICES, AND INSTITUTIONAL RELATIONS June 21, 2012

CALL TO ORDER

The regular monthly meeting of the Education, Services, and Institutional Relations Committee of the Milwaukee Area Technical College District Board was held in open session on Thursday, June 21, 2012, and called to order by Ms. Lauren Baker at 5:00 p.m. in the Board Room, Room M210, at the Milwaukee Campus of Milwaukee Area Technical College.

ITEM A: ROLL CALL

Present: Ms. Lauren Baker, Mr. Tom Michalski
Excused: Mr. Bobbie Webber

ITEM B: COMPLIANCE WITH THE OPEN MEETINGS LAW

The Education, Services, and Institutional Relations Committee meeting was noticed in compliance with the Wisconsin Open Meetings Law.

ITEM C: APPROVAL OF MINUTES – May 14, 2012 – Attachment 1

Motion: The minutes were approved without objection.

ITEM D: COMMENTS FROM THE PUBLIC

ITEM E: ACTION ITEMS

NONE

ITEM F: DISCUSSION ITEMS

F-1 Curriculum, Learning, & Assessment (CLA) Year-End Report – Attachment 2

Discussion: Dr. Vicki Martin, executive vice president and provost, introduced Dr. Evonne Carter, co-chair of the Curriculum, Learning & Assessment Core Committee. Dr. Carter briefly reviewed the projects listed for FY2012 and FY2013. The reports referenced in the attachment will be sent to the committee members.

F-2 Policy Review – Policy F6700 – Consumption of Alcoholic Beverages on MATC Property or Sponsored at Off-Campus Events – Attachment 3

Discussion: Ms. Janice Falkenberg, vice president and general counsel, noted that one additional change will need to be made to this policy to include non-academic events.

Motion: It was moved by Mr. Michalski, seconded by Ms. Baker to approve of the Policy Review – Policy F6700 – Consumption of Alcoholic Beverages on MATC Property or Sponsored at Off-Campus Events – Attachment 3 as amended.

Action: Approved

ITEM G: INFORMATION ITEMS

G-1 Enrollment Update

Discussion: Dr. Martin introduced Dr. Trevor Kubatzke, vice president, Student Services. Dr. Kubatzke noted that fall enrollment is about 16.8% behind this time last year. Dr. Kubatzke reviewed several of the strategies that are in place to encourage additional enrollments.

G-2 FY2013 Quality Review Process (QRP) Presentation Schedule – Attachment 4

Discussion: Dr. Martin noted that the administration is considering a new way to present the information contained in QRP presentations. This schedule may change for FY2013.

ITEM H: MISCELLANEOUS ITEMS

H-1 Communications and Petitions

None

H-2 Information Items

None

ITEM I: OLD BUSINESS/NEW BUSINESS – Date of Next Meeting, TBD, Milwaukee Campus, Board Room (M210)

ADJOURNMENT -- The Committee adjourned at 5:23 p.m.

Respectfully submitted,

Michele M. Conroy

Michele M. Conroy
Executive Assistant to the Executive Vice President & Provost
Academic Affairs

ATTACHMENT ESIR - 2

Resolution to Approve New Apprentice Program Implementation For Program Titled Industrial Manufacturing Technician Apprenticeship (50-420-9)

Background Information:

Entry level industrial manufacturing technicians operate industrial production related equipment, work with manufacturing related tools, and perform work processes related to a wide variety of manufacturing settings. Industrial manufacturing technician apprentices will learn to set up, operate, monitor, and control production equipment. They will also help improve manufacturing processes and schedules to meet customer requirements. This apprenticeship training program combines on-the-job learning with related instruction in a classroom to prepare apprentices for journey level work after they complete 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 program.

08/15/2012

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

Wisconsin Technical
College System

District Board approval is required to offer a new program Apprentice related instruction (Aid Code 50). For purposes of this form, "New" means that the program has not been previously approved for operation anywhere within the Wisconsin Technical College System (WTCS), and requires State Board Approval.

District: MILWAUKEE AREA TECHNICAL COLLEGE Date: 7/26/12

WTCS Program Title: INDUSTRIAL MANUFACTURING TECHNICIAN APPRENTICESHIP

New to WTCS: YES Replication of existing program at: _____

Program Number: 50- 420 - 9

Current Number of Registered Apprentices: _____
Anticipated Apprentice Enrollment at Start-up: 12
District Minimum Class Size: 12

Summary Program Description (for publication):
THIS PROGRAM IS AN 18 MONTH, 3000 HOUR, APPRENTICESHIP THAT
WILL CONSIST OF 256 HRS OF PAID RELATED INSTRUCTION AND 2744
HRS. OF ON THE JOB TRAINING,

Documentation of Support (attach TC-APP-NEW, and TC-APP-PRI) for programs new to the WTCS, TC-APP-PRI for expansion or replication of existing approved programs.

Date approved by local WTCS board: _____

Attach other supporting materials (minutes from State Trade Advisory committee, ad hoc industry committee, employer commitment letters)

Curriculum Documentation (attach)

1. Program outcomes and/or competencies
2. Course descriptions and curriculum configuration
3. Occupational Experience Document for instructor certification

District Apprenticeship Coordinator/Contact: NICK TRISCARI

Proposed Related Instruction
Implementation Date: AUGUST, 2012

District President or ISA Approval

Date

Apprentice Related Instruction Action Form (PRI)

TC-APP-PRI

Action: (circle one)	(New)	Expansion	Consolidation	Change in Delivery/Curriculum
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WTCS PRI Program Number and Title: 50-420-9 INDUSTRIAL MANUFACTURING TECHNICIAN		Number of Apprentices Affected:	
College Initiating Action: MILWAUKEE AREA TECHNICAL COLLEGE			
Other colleges affected:		Advisory Committee: STATE MAINTENANCE MECHANIC APPRENTICESHIP	
Implementation date:		(new) school assigned as per BASIS (DWD): MATC - MILWAUKEE	
Term of Apprenticeship/Hours Provided		Type of Apprenticeship:	
Years:	1.5	Time-based:	
Hours:	3000	Competency-based:	
OJL:	2744	Hybrid:	
PRI:	256	License or Certification:	
URI:	NONE	Interim Credentials:	
Special Provisions:	Per contract: NONE	Job Book:	

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

1. Who is responsible for providing Paid Related Instruction? MATC - MILWAUKEE	(Registration)	(Grade Reports)	(Transcript)
2. Who is responsible for daily attendance records?	MATC INSTRUCTORS		
3. Location/site for PRI:	MATC MILWAUKEE		
4. Scheduling:	(weekly)	every other week	block stacked/ slotted in shared class
5. Delivery mode:	(Classroom)	100% online	blended
6. Instructor(s) employed by:	MATC - MILWAUKEE		
7. Is supplemental/unpaid related instruction (URI) Included in approved curriculum? Provider / recordkeeper for URI:	NO 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)			
Reviewed by DWD-BAS Administrative Office Representative:			
Date: 7/26/12 KENNETH MOORE			
Reviewed by Representative of Related Instruction Provider:			
Date: 7/26/12 NICK TRISCARI			

Interagency New Apprentice Program Need Assessment:

TC-APP-NEW

DWD-BAS Title: INDUSTRIAL MANUFACTURING TECHNICIAN		Proposed Related Instruction Program Title/Number: 50-420-9 INDUSTRIAL MANUFACTURING TECHNICIAN	
DWD/BAS number: 2-616360022-02		CIP Code: 48.0563	
O-NET/SOC Code/Title: 51-4081.00 MACHINE SETTER		MACHINE SHOP TECH / ASSISTANT	
State Committee Jurisdiction: MAINTENANCE MECHANIC APPRENTICE		Career Cluster and Pathway: MANUFACTURING - PRODUCTION	
Proposed Start of Apprentice Registrations: AUGUST, 2012		Proposed Start of Related Instruction: AUGUST, 2012	
List Individuals attending Initial Assessment Meeting & Date of meeting: MEETING DATES: 1/30/12 3/5/12 3/19/12 5/7/12 6/15/12 SEE ATTACHMENT FOR LIST OF PARTICIPANTS			
DWD-BAS NEEDS DEMONSTRATION WORKSHEET	Initial Assessment (Y/N/TBD)	Comments	Date of Final Review (anticipated)
1. Who recognizes this as an apprenticeable occupation?		DWD / BAS	
2. Have DWD-BAS standards been approved for this trade?	TBD		
3. Is this a unique single sponsor request, closed to others?	N		
4. Have program sponsors demonstrated sufficient labor market need for apprentices?	Y		
5. Have program sponsors demonstrated commitment to long-term apprenticeship training?	Y	THEY HAVE PARTICIPATED IN OTHER APPRENTICESHIPS	
6. Is there documented support from advisory committee/ industry champions? (minutes, letters of support)	Y		
7. Are there formal links or articulation agreements with other programs or groups?	Y	PROGRAM CREDITS LINKED TO MACHINE TOOL APPRENTICESHIPS	
8. Has program request raised objections from other stakeholders?	N		
9. Expected number of apprentices for this location	Start-up: 12	Annual starts: 12	Ongoing capacity: 24
10. Skilled wage rate: Apprentice entry % (or wage):	TBD		
11. Appropriate Advisory Committee (Name): MACHINE TOOL ADVISORY			
12. DWD-BAS Departmental Approval: KENNETH MOORE		Provisional Approval Date: 7/26/12	

Outcomes & Recommendations:

1. Meeting 2 Outcomes Summary Report (WIDS Consultant)
2. Revise and update the occupational analysis developed by employers (WIDS Consultant)
3. Reflect on proposed occupational analysis, MSSC curriculum, Manufacturing Technician Career Pathway, and apprenticeship training priorities needed by employers (ALL)
4. Prepare for next Review Webinar and meeting (WRTP, BAS & WIDS)
5. Continue program design phase of project (WRTP, BAS & WIDS)
6. Chart tentative occupational analysis (attached to this summary)

Focus Group Participants:

Mike Bink	President, UAW Local 469, Master Lock Company	Oconomowoc, WI
Neal France	Plant HR Manager, Ocean Spray Cranberries, Inc.	Kenosha, WI
Joe Nicosia	Industry Coordinator, WRTP Big Step	Milwaukee, WI
Leo Reisinger	Chairman, GE Medical Systems, IAM	Milwaukee, WI
Owen T. Smith	SAGE Outreach Coordinator, Bureau of Apprenticeship Standards	Wisconsin DWD
Mark Wieseke	UAW Local 469 Master Lock Company	Milwaukee, WI
Chuck Jester	Trainer/Operations Ocean Spray Cranberries, Inc.	Kenosha, WI
Jeff Smith	UAW President, Local 3746, Pure Power Technologies	Waukesha, WI
David Eischen	CI Manager, Ocean Spray Cranberries, Inc.	Kenosha, WI
Alesia Butera	HR Manager, Milwaukee Gear Company	Milwaukee, WI
DeAnna Mullins	HR Manager, Pure Power Technologies	Waukesha, WI

Meeting outcomes summary report respectfully submitted,

Hal Zenisek

Hal Zenisek, Facilitator
WIDS Learning Design Consultant, WTCS Foundation
zenisekh@wids.org

March 6, 2012

Industrial Manufacturing Technician Apprenticeship Program Design Summary

Program Information

Organization	Wisconsin Department of Workforce Development, Bureau of Apprenticeship Standards
Program Number	50-420-9
Instructional Level	Apprentice
Instructional Area	Industrial Trades
Program Manager	Karen Morgan, BAS
Original Developer(s)	Subject Matter Expert Focus Group Wisconsin Department of Workforce Development, Bureau of Apprenticeship Standards Wisconsin Regional Training Partnership (WRTP-Big Step) Facilitation by Hal Zenisek, WIDS Learning Design System
Revised By	Hal Zenisek, WIDS Consultant
Revision History	Meeting 1: January 30, 2012 - Occupational Analysis Meeting 2: March 5, 2012 - SME Validation Meeting 3: April 16, 2012 - Program exit learning outcomes & criteria Meeting 4: May 7, 2012 - OJT Hours, Related instruction and on-the-job learning prioritization Meeting 5: June 4, 2012 - BAS Apprenticeship Program Standards, Term, and Exhibit A Future: Related Instruction Course Development - TBD

Target Population

The populations potentially served by this program include:

- Wisconsin registered apprentices
- high school graduates including GED and HSED completers
- dislocated workers seeking retraining
- adults and career changers
- individuals interested in industrial and manufacturing related work
- non-traditional workers

Description

Entry level industrial manufacturing technicians operate industrial production related equipment, work with manufacturing related tools, and perform work processes related to a wide variety of manufacturing settings. Industrial manufacturing technician apprentices will learn to set up, operate, monitor, and control production equipment. They will also help improve manufacturing processes and schedules to meet customer requirements. This apprenticeship training program combines on-the-job learning with related instruction in a classroom to prepare apprentices for journey level work after they complete the program.

Industry competency models outline skill sets and competencies that are essential to educate and train a globally competitive workforce. Entry-level critical work functions include:

1. Understand the various manufacturing types, processes, and products.
2. Understand the manufacturing business as a system that integrates multiple disciplines, processes, and stakeholders.
3. Manage raw materials/consumables.
4. Operate and control production equipment.

Indirect Measures

1. The purpose of indirect measurement is to provide information about the effectiveness and efficiency of teaching and learning in the institution, a program, a major, a discipline thread, or a course. The results of indirect measurement are used to guide continual improvement, resourcing, and future direction of educational programming.
2. Program enrollment
3. Course completion rates
4. Program completion rates
5. Learner satisfaction surveys
6. Employer satisfaction surveys
7. State committee feedback

Apprenticeship Program Education & Training Requirements

- #1) 18 month apprenticeship following a hybrid apprenticeship model and format
- #2) 256 hours of Related Instruction
- #3) 3,000 hours of On-The-Job Learning
- #4) Undetermined hours of unpaid related instruction (if any)
- #5) Forklift certification as needed by specific employers
- #6) OSHA 10 as needed
- #7) First Aid and CPR as needed
- #8) Registered Apprentice with Wisconsin Bureau of Apprenticeship Standards

Career/Job Titles

Title

1. Production Technicians
2. Machine Operators
3. Manufacturing Technicians
4. Manufacturing Production Technicians
5. Journey Level Industrial Manufacturing Technicians
6. Process Operations Workers

Related DACUM Studies

DACUM A

DACUM Title	Industrial Manufacturing Tech. Occupational Analysis
Date	1/30/2012
Organization	WRTP - Big Step, Milwaukee
Facilitator	Hal Zenisek, WIDS
Method	Modified DACUM

Entry Requirements

1. High school diploma or equivalent
2. Employer sponsorship & Wisconsin BAS signed contract
3. Able to perform assigned job duties and tasks
4. Mechanical ability and aptitude as determined by employer assessment practices

Evaluation Summary

The Wisconsin Department of Workforce Development, Bureau of Apprenticeship Standards monitors and evaluates state apprenticeship programs. The Wisconsin Technical College System monitors and evaluates related instruction provided by the Wisconsin technical colleges. Other trade and professional agencies may also have a role in monitoring and evaluating apprenticeship training in Wisconsin.

Apprenticeship Exit Learning Program Outcomes

1. Protect self and other workers from accidents and injuries

Assessment Strategies

1. in the workplace and on the job
2. by completing an apprenticeship Job Book or checklist of competency completion
3. with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
4. by performance in the related instruction classroom
5. by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice follows safety procedures around electricity, machines, equipment & manufacturing processes
2. apprentice minimizes potential hazards
3. apprentice works following OSHA industrial safety standards
4. apprentice maintains clean work areas and follow 6S practices
5. apprentice is aware of first aid, CPR, and blood borne pathogens
6. apprentice inspects hand tools and power equipment
7. apprentice maintains hand tools and power equipment in proper working order
8. apprentice reports and replaces defective tools and equipment (if applicable)
9. apprentice is aware of basic arc flash hazards & electrical safety inspections
10. apprentice follows lockout tagout tryout procedures
11. apprentice obtains forklift certifications
12. apprentice is aware of stored energy component safety
13. apprentice performs cutting and grinding safely (if applicable)
14. apprentice welds safely (if applicable)
15. apprentice lifts equipment properly and apply Safe Lift ergonomic principles
16. apprentice works around compressed air safely
17. apprentice follows hazardous material, MSDS & chemical safety procedures
18. apprentice uses proper machine guarding
19. apprentice is aware of environmental safety & plant evacuation procedures

2. Interpret technical information

Assessment Strategies

1. in the workplace and on the job
2. by completing an apprenticeship Job Book or checklist of competency completion
3. with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
4. by performance in the related instruction classroom
5. by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice uses blueprints efficiently
2. apprentice references project plans and documents
3. apprentice applies job specifications to work processes accurately
4. apprentice interprets production orders properly
5. apprentice follows quality specifications accurately

3. Measure work

Assessment Strategies

1. in the workplace and on the job
2. by completing an apprenticeship Job Book or checklist of competency completion
3. with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
4. by performance in the related instruction classroom
5. by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice measures materials, products or parts, and finished goods accurately
2. apprentice applies math to measuring work
3. apprentice interprets tolerances using blue prints and job specifications
4. apprentice uses gauges and measuring devices accurately
5. apprentice verifies workmanship and compliance with job specifications
6. apprentice identifies and reports non-compliant stock, material, parts, or finished goods
7. apprentice uses scales and measuring tools related to quality

4. Inspect work

Assessment Strategies

- 1 in the workplace and on the job
- 2 by completing an apprenticeship Job Book or checklist of competency completion
- 3 with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
- 4 by performance in the related instruction classroom
- 5 by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice visually inspects materials, products or parts, and finished goods in accordance with job specifications
2. apprentice applies math to inspection of work
3. apprentice interprets tolerances using blue prints and job specifications
4. apprentice inspects materials, parts, products, or finished goods in accordance with quality
5. apprentice uses gauges and inspection devices accurately
6. apprentice verifies workmanship and compliance with job specifications
7. apprentice identifies and reports non-compliant stock, material, parts, or finished goods
8. apprentice uses scales and quality tools accurately

5. Use mechanical tools and testing equipment

Assessment Strategies

- 1 in the workplace and on the job

- 2 by completing an apprenticeship Job Book or checklist of competency completion
- 3 with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
- 4 by performance in the related instruction classroom
- 5 by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice follows safety procedures and PPE requirements
2. apprentice inspects and replaces tools and equipment when needed
3. apprentice selects hand and mechanical tools appropriately
4. apprentice uses hand and mechanical tools appropriately
5. apprentice uses metal cutting tools appropriately
6. apprentice uses test equipment including Ohm and volt meters (as applicable)
7. apprentice uses computer systems to report results and document work

6. Set-up production equipment

Assessment Strategies

1. in the workplace and on the job
2. by completing an apprenticeship Job Book or checklist of competency completion
3. with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
4. by performance in the related instruction classroom
5. by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice plans for and identifies setup requirements
2. apprentice selects tools and materials
3. apprentice verifies safety
4. apprentice assembles equipment
5. apprentice performs mechanical setup according to employer's SOP manual, and equipment manufacturer's specifications
6. apprentice tests and verifies setup
7. apprentice adjusts setup as needed to meet product and production specifications
8. apprentice interprets visual controls accurately
9. apprentice inspects equipment and components

7. Operate production equipment

Assessment Strategies

1. in the workplace and on the job
2. by completing an apprenticeship Job Book or checklist of competency completion
3. with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
4. by performance in the related instruction classroom
5. by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice works according to production schedules for various products
2. apprentice operates equipment safely

3. apprentice operates equipment efficiently
4. apprentice operates manual, automated, and CNC equipment according to employer procedures
5. apprentice monitors products and processes
6. apprentice inspects and monitors equipment during operations
7. apprentice adjusts equipment as needed
8. apprentice documents work and work process
9. apprentice shuts down equipment properly
10. apprentice disassembles equipment and components
11. apprentice cleans up tooling, equipment, and work spaces
12. apprentice sanitizes equipment according to applicable standards (OPTIONAL & INDUSTRY SPECIFIC)
13. apprentice meets customer demands
14. apprentice meets job assembly specifications

8. Produce quality product

Assessment Strategies

1. in the workplace and on the job
2. by completing an apprenticeship Job Book or checklist of competency completion
3. with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
4. by performance in the related instruction classroom
5. by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice verifies product quality following quality work instructions
2. apprentice reports completed work accurately
3. apprentice performs quality checks
4. apprentice is aware of defects and causes of rework
5. apprentice monitors the cost of poor quality (including scrap and rework)
6. apprentice applies cost of quality principles to jobs and manufacturing processes
7. apprentice applies quality training to job duties and work processes
8. apprentice documents all quality tests & understand implications and consequences of documentation
9. apprentice adheres to customer specific quality requirements (product and food safety if applicable)
10. apprentice follows company specific quality guidelines (SQF for example)

9. Be aware of inventory and material processes

Assessment Strategies

1. in the workplace and on the job
2. by completing an apprenticeship Job Book or checklist of competency completion
3. with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
4. by performance in the related instruction classroom
5. by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice applies lean manufacturing principles to work processes
2. apprentice compares inventory flow to roles and responsibilities
3. apprentice is aware of process flows in a manufacturing plant
4. apprentice identifies material management processes
5. apprentice is aware of logistics related to raw materials and customer deliveries
6. apprentice works with production materials according to work schedules
7. apprentice applies basic manufacturing equipment operations
8. apprentice is aware of other manufacturing work processes used by employers (for example: finishing, assembly, forming, shaping, joining, packaging, and casting)

10. Be aware of routine equipment maintenance

Assessment Strategies

1. in the workplace and on the job
2. by completing an apprenticeship Job Book or checklist of competency completion
3. with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
4. by performance in the related instruction classroom
5. by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice inspects equipment
2. apprentice demonstrates mechanical problem solving abilities
3. apprentice identifies when a machine is not working properly
4. apprentice applies preventative maintenance practices effectively
5. apprentice follows general lubrication guidelines
6. apprentice maintains machine components following manufacturer specifications (if applicable)
7. apprentice follows basic troubleshooting guides
8. apprentice assists and communicates with maintenance personnel on equipment malfunctions
9. apprentice is aware of basic maintenance concepts

11. Be aware of trends and the current state of the business

Assessment Strategies

1. in the workplace and on the job
2. by completing an apprenticeship Job Book or checklist of competency completion
3. with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
4. by performance in the related instruction classroom
5. by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice identifies the local competition and potential opportunities (SWOT and related)
2. apprentice identifies the global competition and potential opportunities
3. apprentice explains the competition and potential opportunities between internal businesses
4. apprentice describes the importance of department and plant goals (KPIs)
5. apprentice applies basic business terms to manufacturing related work processes
6. apprentice is able to see the bigger picture both upstream and downstream

7. apprentice participates in company leadership briefings
8. apprentice relates the job role and trade to keeping jobs in Wisconsin

12. Apply soft skills to production and manufacturing work processes

Assessment Strategies

1. in the workplace and on the job
2. by completing an apprenticeship Job Book or checklist of competency completion
3. with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
4. by performance in the related instruction classroom
5. by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice thinks critically
2. apprentice resolves conflict effectively
3. apprentice communicates effectively both verbally and in writing
4. apprentice works in a team setting and make connections with others
5. apprentice communicates with supervisors
6. apprentice communicates with mechanics and other skilled trades
7. apprentice communicates technical information and manufacturing related concepts
8. apprentice solves problems efficiently
9. apprentice mentors and trains new employees
10. apprentice respects others
11. apprentice performs shop and trade math accurately
12. apprentice demonstrates computer literacy such as MS Office

13. Demonstrate continuous improvement

Assessment Strategies

1. in the workplace and on the job
2. by completing an apprenticeship Job Book or checklist of competency completion
3. with a journey level worker, trainer, supervisor, or other qualified individual observing apprentice performance
4. by performance in the related instruction classroom
5. by submitting completed classroom assignments, group projects, shop simulations, and hands-on learning activities assigned by the instructor

Criteria

1. apprentice suggests improvements to business and manufacturing processes
2. apprentice uses tools for continuous improvement effectively
3. apprentice minimizes and removes process wastes (associated with water, energy, manufacturing processes, and other resources)
4. apprentice participates in continuous improvement for professional growth
5. apprentice identifies potential defects
6. apprentice follows standard work instructions properly
7. apprentice maintains records regarding machine faults
8. apprentice applies visual management/visual controls through 6S
9. apprentice applies root cause analysis to CI of manufacturing work processes
10. apprentice applies autonomous maintenance principles

11. apprentice practices quick change overs (SMED for example)
12. apprentice identifies equipment abnormalities
13. apprentice adapts to process changes including cycle times, set-ups, and tooling
14. apprentice participates in cross-training opportunities
15. apprentice understands the business strategies and motives for CI
16. apprentice applies profitable sustainability concepts to CI

WTCS Apprenticeship Core Abilities

A. STATE APPRENTICESHIP CORE ABILITIES (WTCS):

B. Work cooperatively with others, one-on-one and in a team environment

Assessment Strategies

- 1 Preliminary Interview
- 2 Final Evaluation
- 3 Mid-Point Evaluation

Indicators

1. Contribute to a group with productive ideas and effort
2. Support co-workers and peers to help them accomplish tasks or goals
3. Apply problem-solving strategies to improve relations with others
4. Interact with people of diverse backgrounds in a respectful manner
5. Consider others opinions and actions in a non-judgmental manner
6. Accept constructive feedback

C. Communicate effectively

Assessment Strategies

- 1 Preliminary Interview
- 2 Final Evaluation
- 3 Mid-Point Evaluation

Indicators

1. Select appropriate style, format, and technology to communicate for intended audience and purpose
2. Use language in a respectful, measured and appropriate manner
3. Apply active listening skills (note-taking, summarizing, eye contact, feedback)
4. Ask questions for clarification
5. Comprehend written materials and verbal instructions
6. Write clearly, concisely, accurately, and appropriately
7. Speak clearly, concisely, and appropriately
8. Communicate messages based on facts and differentiate when your messages are your opinion (i.e. your beliefs or personal judgment)

D. Work productively

Assessment Strategies

- 1 Preliminary Interview
- 2 Final Evaluation
- 3 Mid-Point Evaluation

Indicators

1. Adhere to industry and workplace safety practices

2. Comply with laws and codes
3. Utilize resources (materials, equipment, tools) to maximize productivity
4. Establish priorities to meet responsibilities
5. Manage time to accomplish desired tasks in time available
6. Carry out directions/instructions
7. Adapt to changes in work load and priorities
8. Apply problem-solving strategies to improve productivity
9. Demonstrate initiative by taking needed and appropriate action without direction or prompting

E. Adapt to change

Assessment Strategies

- 1 Preliminary Interview
- 2 Final Evaluation
- 3 Mid-Point Evaluation

Indicators

1. Embrace changing technologies
2. Adjust to change in job duties and responsibilities
3. Cope with changing trends in the workplace and employment
4. Adjust to diversity in the workforce
5. Apply problem-solving strategies to cope with change
6. Show an openness to trying new things and new methods even when there is the possibility that things may not turn out as you would like them to or as they were originally planned.

F. Apply problem-solving strategies

Assessment Strategies

- 1 Preliminary Interview
- 2 Final Evaluation
- 3 Mid-Point Evaluation

Indicators

1. Identify problem/criteria
2. Consider options that address problem/criteria
3. Select option that best addresses problem/criteria
4. Evaluate results of decision
5. Make adjustments based on outcome and/or feedback
6. Think critically

G. Think critically

Assessment Strategies

- 1 Preliminary Interview
- 2 Final Evaluation
- 3 Mid-Point Evaluation

Indicators

1. Separate your thinking from your emotions while carefully considering diverse viewpoints
2. Incorporate accuracy, relevance, depth, logic, and fairness in order to think critically about a topic or subject
3. Determine issues that merit action
4. Support actions with sound reasoning or relevant theory
5. Consider new ideas and processes

6. Analyze causes and effects
7. Apply mathematical reasoning
8. Address legal, safety, and code issues

Relevant External Standards

- MSSC - Manufacturing Success Skills Certification
- OSHA Industrial Safety
- Employer specific standards and regulations
- Advanced Manufacturing Competency Model
- ISO, Lean Manufacturing, Automotive Industry Standards, Food Industry Standards, and others as applicable

Related Instruction Course Configuration						
Semester	Course #	Course Title	Credits	Contact Hours	Category	Req?
1	MACHTL 585	Machine Trades Math 1	1.0	32	Paid Related Instruction	Yes
1	QLTYIN 403	MSSC Safety	1.5	48	Paid Related Instruction	Yes
1	QLTYIN 404	MSSC Quality Assurance	1.5	48	Paid Related Instruction	Yes
2	MACHTL 500	Communication for Apprentices	1.0	32	Paid Related Instruction	Yes
2	QLTYIN 405	MSSC Manufacturing Processes	1.5	48	Paid Related Instruction	Yes
2	QLTYIN 406	MSSC Maintenance Prep	1.5	48	Paid Related Instruction	Yes

Paid Related Instruction Course Detail

Course A -- Related Instruction Course 1

Course Number	QLTYIN-403
Credits	1.5
Contact Hours	48
Total Hours	48
Category	Related Instruction
Course Description	MSSC Safety

Course B -- Related Instruction Course 2

Course Number	QLTYIN-404
Credits	1.5
Contact Hours	48
Total Hours	48
Category	Related Instruction
Course Description	MSSC Quality Practices & Measurement

Course C -- Related Instruction Course 3

Course Number	QLTYIN - 405
Credits	1.5
Contact Hours	48
Total Hours	48
Category	Related Instruction
Course Description	MSSC Manufacturing Production and Processes

Course D -- Related Instruction Course 4

Course Number	QLTYIN - 406
Credits	1.5
Contact Hours	48
Total Hours	48
Category	Related Instruction
Course Description	MSSC Maintenance Awareness

Course E -- Related Instruction Course 5

Course Number	MACHTL - 585
Credits	1.0
Contact Hours	32
Total Hours	32
Category	Related Instruction
Course Description	Machine Trades Math 1

Course F -- Related Instruction Course 6

Course Number	MACHTL - 500
Credits	1.0
Contact Hours	32
Total Hours	32
Category	Related Instruction
Course Description	Communications for Apprentices

Attachment ESIR - 3

**Tentative FY2012-2013
Education, Services, and Institutional Relations Committee
Meeting Schedule**

All meetings will begin at 5:00 p.m.

ESIR Meeting Schedule

Tuesday, August 21, 2012

Tuesday, September 18, 2012

Tuesday, October 16, 2012

Tuesday, November 20, 2012

Tuesday, December 11, 2012

Tuesday, January 15, 2013

Tuesday, February 19, 2013

Tuesday, March 19, 2013

Tuesday, April 9, 2013

Tuesday, May 21, 2013

Tuesday, June 18, 2013

Board Meeting Schedule

Tuesday, August 28, 2012

Tuesday, September 25, 2012

Tuesday, October 23, 2012

Tuesday, November 27, 2012

Tuesday, December 18, 2012

Tuesday, January 22, 2013

Tuesday, February 26, 2013

Tuesday, March 26, 2013

Tuesday, April 16, 2013

Tuesday, May 28, 2013

Tuesday, June 25, 2013

Advisory Committee Data Summary - by Committee

April - June 2012

Advisory Committee	Total	Category			Minority	Gender		Grads
		Mgt	Labor	Consultants		Female	Male	
Accounting	15	9	6	0	3	9	6	4
Air Conditioning Refrigeration	8	8	0	0	1	1	7	3
Anesthesia Technology	9	4	4	1	3	4	5	4
Animation	7	5	2	0	0	2	5	2
Appliance Technician	9	7	1	1	1	1	8	2
Architectural Technology	5	1	2	2	1	3	2	1
Automobile/auto Body Servicing	11	6	3	2	1	2	9	3
Automotive Technology	12	8	3	1	1	1	11	1
Aviation Mechanics	12	10	2	0	0	1	11	5
Baking Production	11	6	5	0	1	6	5	6
Banking & Financial Services	9	5	4	0	2	5	4	1
Barber/cosmetologist	14	13	0	1	10	10	4	8
Biomedical Electronics Technology	13	3	10	0	5	2	11	6
Bricklaying And Masonry	6	4	2	0	0	0	6	3
Business Management	10	8	2	0	3	3	7	4
Cardiovascular Technology	12	5	6	1	0	6	6	3
Carpenters & Cabinetmakers	6	5	0	1	0	1	5	1
Chemical Technician	17	12	4	1	4	4	13	5
Civil Engineering Technology	9	5	4	0	0	1	8	3
Clinical Laboratory Technician Phlebotomy	11	8	2	1	1	8	3	1
Computer Electronics Technology	6	2	3	1	0	1	5	1
Computer Simulation & Gaming	8	6	1	1	0	0	8	3
Criminal Justice Law Enforcement	7	6	0	1	0	1	6	2
Culinary Arts	12	9	0	3	0	2	10	4
Dental Assistant	11	7	3	1	0	10	1	4
Dental Hygiene	8	4*	2*	1*	3	4	4	3
Dental Laboratory Technology	6	5	1	0	0	1	5	4
Diesel & Powertrain Servicing	9	7	1	1	1	1	8	2
Dietetic Technician/dietary Manager	10	8	1	1	2	6	4	2
Early Childhood Education	11	8	0	3	4	9	2	2
Ebusiness Technology Specialist	10	6	4	0	0	0	10	4
Electricity - Diploma	8	5	3	0	2	2	6	2
Electronic Engineering Technology	9	4	4	1	2	2	7	3
Electronic Technology Communication	8	4	3	1	0	2	6	3
Electronic Technology Controls Automation	10	8	2	0	2	1	9	3
Environmental Health & Water Quality Tech	16	6	10	0	2	6	10	5
Fire Science/ems	9	6	2	1	0	1	8	5
Funeral Service	11	11	0	0	2	2	9	6
Graphic Design	13	8	5	0	0	5	8	7

* Category Information Incomplete

Advisory Committee Data Summary - by Committee

April - June 2012

Advisory Committee	Total	Category			Minority	Gender		Grads
		Mgt	Labor	Consultants		Female	Male	
Health Unit Coordinator	10	4	6	0	2	9	1	3
Horticulture	7	5	2	0	0	2	5	2
Hotel/hospitality-meeting/event Management	22	21	1	0	3	15	7	3
Human Service Associate	6	2	2	2	4	5	1	2
Institutionalized Individual	4	3	0	1	1	2	2	0
Interior Design	8	5	2	1	1	7	1	3
Interpreter Technician	10	2	3	5	1	6	4	3
It Computer Support Specialist	11	8	2	1	0	5	6	3
It Information Systems Security Specialist	12	5	6	1	1	3	9	1
It Network Specialist	7	1	6	0	0	1	6	1
It Programmer/analyst	11	5	3	3	1	5	6	2
Line Mechanic	6	4	2	0	0	1	5	0
Machine Tool/cnc - Tool & Die Making	14	10	4	0	1	0	14	5
Machine Trades Apprentice	5	3	0	2	0	3	2	0
Maintenance & Industrial Electrician Apprentice	9	4	3	2	0	3	6	2
Management Development	12	9	3	0	2	6	6	6
Marketing	7	5	2	0	1	4	3	4
Mechanical Drafting & Design	10	7	3	0	0	2	8	6
Medical Assistant	4	0	4	0	2	4	0	3
Medical Coding	5	2	2	1	1	5	0	0
Medical Interpreter	8	3	4	1	6	5	3	1
Music Occupations	9	5	1	3	2	1	8	1
Nursing - Rn & Pn	9	8	1	0	2	8	1	1
Nursing Assistant	8	3	3	2	1	8	0	1
Occupational Therapy Assistant	9	1	7	1	1	9	0	7
Office Technology	8	6	1	1	1	7	1	0
Opticianry Science	7	4	3	0	1	2	5	3
Painting & Decorating Apprentice	8	3	3	2	1	2	6	1
Paralegal	13	5	8	0	4	8	5	6
Pharmacy Technician	8	6	2	0	1	7	1	1
Photography	14	13	1	0	0	3	11	6
Physical Therapist Assistant	7	3	2	2	0	5	2	2
Power Engineering & Boiler Operator	9	5	4	0	1	0	9	3
Pre-college Education	10	7	1	2	5	4	6	0
Preparatory Plumbing	9	5*	2*	1*	1	3	6	2
Quality Engineering Technology	10	9	0	1	2	4	6	2
Radiography	13	7	5	1	1	7	6	5
Real Estate	8	5	2	1	1	1	7	1
Renal Dialysis Technician	6	3	3	0	3	6	0	6

* Category Information Incomplete

Advisory Committee Data Summary - by Committee

April - June 2012

Advisory Committee	Total	Category			Minority	Gender		Grads
		Mgt	Labor	Consultants		Female	Male	
Renewable Energy	11	11	0	0	1	3	8	1
Respiratory Therapist	9	7	2	0	1	8	1	4
Retail Management/fashion Marketing	11	4	7	0	1	8	3	4
Roofer Apprentice	7	2	4	1	0	0	7	0
Sheet Metal Apprentice	11	5	3	3	0	2	9	4
Steamfitter & Refrigeration Apprentice	7	3	3	1	0	2	5	2
Supply Chain Management	14	6	8	0	1	1	13	6
Surgical Technology	7	2	5	0	1	5	2	4
Sustainable Facilities Operations	8	5	1	2	0	1	7	1
Teacher Education Track	11	2	1	8	6	7	4	2
Television Video Production	11	6	3	2	2	5	6	2
Visual Communications	15	8	7	0	0	1	14	6
Welding/weld Tech	13	9	4	0	1	3	10	5

Advisory Committee Data Summary - by Division

Division	Total Members	Category						Minority		Gender				Grads	
		Mgt		Labor		Consultants				Female	Male				
School Of Business	233	142	61%	80	34%	11	5%	37	16%	105	45%	128	55%	73	31%
School Of Health Sciences	188	105*	56%	68 *	36%	14*	7%	34	18%	129	69%	59	31%	68	36%
School Of Liberal Arts & Sciences	55	26	47%	10	18%	19	35%	19	35%	31	56%	24	44%	14	25%
School Of Media & Creative Arts	77	51	66%	20	26%	6	8%	4	5%	17	22%	60	78%	27	35%
School Of Pre-college Education	14	10	71%	1	7%	3	21%	6	43%	6	43%	8	57%	0	0%
School Of Technology & Applied Sciences	309	194*	63%	85*	28%	29*	9%	26	8%	62	20%	247	80%	88	28%
TOTAL	876	528	60%	264	30%	82	9%	126	14%	350	40%	526	60%	270	31%

* *Category Information Incomplete*

QTRLY REPORT ON ADVISORY COMMITTEE MEETINGS

April, May, June 2012

DATE	TIME	LOCATION	ADVISORY MEETING
4/2/2012	11:30 AM	M114 -- Milwaukee Campus	BARBER/COSMETOLOGIST
4/3/2012	9:00 AM	C409 -- Milwaukee Campus	MUSIC OCCUPATIONS
4/3/2012	8:00 AM	A202 -- North Campus	NURSING (RN & PN)
4/3/2012	7:30 AM	M438 -- Milwaukee Campus	OCCUPATIONAL THERAPY ASSISTANT
4/3/2012	8:00 AM	M214 -- Milwaukee Campus	OFFICE TECHNOLOGY
4/3/2012	5:00 PM	M614 -- Milwaukee Campus	PHYSICAL THERAPIST ASSISTANT
4/4/2012	11:30 AM	M612 -- Milwaukee Campus	PREPARATORY PLUMBING
4/5/2012	8:00 AM	Off Campus	RADIOGRAPHY
4/16/2012	9:30 AM	A200E -- South Campus	FIRE SCIENCE/EMS
4/17/2012	8:00 AM	A200E -- South Campus	AUTOMOTIVE TECHNOLOGY
4/18/2012	11:30 AM	M206 -- Milwaukee Campus	CIVIL ENGINEERING TECHNOLOGY
4/18/2012	7:30 AM	M204 -- Milwaukee Campus	DENTAL HYGIENE
4/18/2012	3:00 PM	Off Campus	RENEWABLE ENERGY
4/19/2012	11:30 AM	M204 -- Milwaukee Campus	ARCHITECTURAL TECHNOLOGY
4/19/2012	12:00 PM	A202 -- North Campus	LINE MECHANIC
4/19/2012	1:00 PM	S216 -- Milwaukee Campus	RESPIRATORY THERAPIST
4/20/2012	8:30 AM	117 -- West Campus	INTERIOR DESIGN
4/20/2012	8:00 AM	107 -- West Campus	IT NETWORKING SPECIALIST
4/20/2012	8:30 AM	MPTV -- E-W Conf	TELEVISION & VIDEO PRODUCTION
4/24/2012	8:30 AM	117 -- West Campus	ACCOUNTING
4/24/2012	7:30 AM	A200E -- South Campus	AIR CONDITIONING & REFRIGERATION
4/24/2012	11:00 AM	M610 -- Milwaukee Campus	ANIMATION
4/24/2012	11:30 AM	M612 -- Milwaukee Campus	BIOMEDICAL ELECTRONICS TECHNOLOGY
4/25/2012	8:00 AM	A200E -- South Campus	MACHINE TRADES APPRENTICE
4/26/2012	3:00 PM	S216 -- Milwaukee Campus	MEDICAL INTERPRETER

DATE	TIME	LOCATION	ADVISORY MEETING
4/26/2012	12:00 PM	MPTV --E-W Conf	VI-COM/COMPUTER GRAPHICS
4/27/2012	11:30 AM	M612 -- Milwaukee Campus	CARPENTERS & CABINETMAKERS
4/27/2012	1:00 PM	A200E -- South Campus	IT COMPUTER SUPPORT SPECIALIST
4/27/2012	7:30 AM	S216 -- Milwaukee Campus	SURGICAL TECHNOLOGY
5/2/2012	3:00 PM	M614 -- Milwaukee Campus	CLINICAL LABORATORY TECHNICIAN PHLEBOTOMY
5/2/2012	8:30 AM	117 -- West Campus	REAL ESTATE
5/3/2012	3:00 PM	117 -- West Campus	FUNERAL SERVICE
5/3/2012	10:15 AM	M610 -- Milwaukee Campus	PRE-COLLEGE EDUCATION
5/4/2012	11:30 AM	C444 -- Milwaukee Campus	CHEMICAL TECHNICIAN
5/4/2012	8:30 AM	M612 -- Milwaukee Campus	MEDICAL ASSISTANT
5/4/2012	11:30 AM	M206 -- Milwaukee Campus	PAINTING & DECORATING APPRENTICE
5/11/2012	8:30 AM	C444B -- Milwaukee Campus	ELECTRONIC TECHNOLOGY COMMUNICATION
5/11/2012	8:30 AM	H112 -- Milwaukee Campus	OPTICIANRY SCIENCE
5/15/2012	3:30 PM	E110 -- South Campus	ENVIRONMENTAL SERVICE TECHNICIAN
5/15/2012	12:00 PM	E110 -- South Campus	SHEET METAL APPRENTICE
6/15/2012	11:30 AM	M610 -- Milwaukee Campus	INSTITUTIONALIZED INDIVIDUAL

REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
<u>SCHOOL OF BUSINESS</u>			
ACCOUNTING 15 members 4 grad(s)	0		
BAKING PRODUCTION 11 members 6 grad(s)	0	Gloria DeAngelo Maxim's Restaurant Cake Decorator (Labor/Minority)	
BANKING & FINANCIAL SERVICES 9 members 1 grad(s)	0	Dutch Vandervort Modern Woodmen Fraternal Financial Managing Partner (Supervisor/Mgr/Nonminority)	

REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
BARBER/COSMETOLOGIST 14 members 8 grad(s)	0	Antonio Garner Gee's Clippers Manager (Supervisor/Mgr/Minority)	Julieta Ramirez D'Matrixx Salon & Spa Owner/Stylist Manager (Supervisor/Mgr/Minority)
		Tony Garnica Tasos Hair Studio Owner (Supervisor/Mgr/Minority)	John Endries Hair Experience Owner (Supervisor/Mgr/Nonminority)
		Christopher Ortiz Jose Barber's Manager (Supervisor/Mgr/Minority)	Marco A. Carrasquillo Follicle Hair Studio Owner/Stylist (Supervisor/Mgr/Minority)
		Ronnie O. Lockett Ronnie's Barbershop Owner/Manager (Supervisor/Mgr/Minority)	Gabriela Quist Mona's Hair Salon Manager (Supervisor/Mgr/Minority)
		Jont Tyson Ricco's Swinging Door Barber (Labor/Nonminority)	Ruth Fowlkes-Troop Phat Cuts Beauty Salon Owner/Stylist (Supervisor/Mgr/Nonminority)

REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
		Gaulien Smith Gee's Clippers Owner-Manager (Supervisor/Mgr/Minority)	Marcela Lechuga Valentinos Hair Salon Manager (Supervisor/Mgr/Minority)
		Carole Bauer Great Clips Area Supervisor (Supervisor/Mgr/Nonminority)	
		Nicholas Pagenkopf Regis Corporation Stylist (Labor/Nonminority)	
BUSINESS MANAGEMENT 10 members 4 grad(s)	0	Dieudonne Mananga Milwaukee Public Schools Teacher (Supervisor/Mgr/Minority)	
CULINARY ARTS 12 members 4 grad(s)	0		
eBUSINESS TECHNOLOGY SPECIALIST 10 members 4 grad(s)	0		

REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
ENVIRONMENTAL HEALTH & WATER QUALITY TECH 16 members 5 grad(s)	0		
HOTEL/HOSPITALITY- MEETING/EVENT MANAGEMENT 22 members 3 grad(s)	0		
IT COMPUTER SUPPORT SPECIALIST 11 members 3 grad(s)	0		
IT INFORMATION SYSTEMS SECURITY SPECIALIST 12 members 2 grad(s)	0		
IT NETWORK SPECIALIST 7 members 1 grad(s)	2		
IT PROGRAMMER/ANALYST 11 members 2 grad(s)	0		
MANAGEMENT DEVELOPMENT 12 members 6 grad(s)	0		
MARKETING 7 members 4 grad(s)	2		
OFFICE TECHNOLOGY 8 members 0 grad(s)	1		

REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
PARALEGAL 13 members 6 grad(s)	0		
REAL ESTATE 8 members 1 grad(s)	1	Madalene Sherman Broker (Labor/Nonminority)	
		David Kolesari Milwaukee Homesight Inc Home Inspector (Supervisor/Mgr/Nonminority)	
RETAIL MANAGEMENT/FASHION MARKETING 11 members 4 grad(s)	0	Jim Sajdak Stan's-Fit For Your Feet -New Balan President/CEO (Supervisor/Mgr/Nonminority)	
SUPPLY CHAIN MANAGEMENT 14 members 6 grad(s)	0		
SCHOOL OF BUSINESSDIVISION			
<u>SCHOOL OF HEALTH SCIENCES</u>			
ANESTHESIA TECHNOLOGY 9 members 4 grad(s)	0		

REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
CARDIOVASCULAR TECHNOLOGY 12 members 3 grad(s)	0	Renee Haynes St. Lukes Medical Center Echocardiographer (Labor/Minority)	
CLINICAL LABORATORY TECHNICIAN PHLEBOTOMY 11 members 1 grad(s)	0		David Cole Aurora St. Luke's Southshore - ACL Laboratory Supervisor (Supervisor/Mgr/Nonminority)
DENTAL ASSISTANT 11 members 4 grad(s)	0		
DENTAL HYGIENE 8 members 3 grad(s)	1		
DENTAL LABORATORY TECHNOLOGY 6 members 4 grad(s)	3		
DIETETIC TECHNICIAN/DIETARY MANAGER 10 members 3 grad(s)	0		
FUNERAL SERVICE 11 members 6 grad(s)	0		
HEALTH UNIT COORDINATOR 10 members 3 grad(s)	0		

REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
MEDICAL ASSISTANT 4 members 3 grad(s)	5	Claudia A. Prado Lakeshore Medical Clinic BSN, Clinic Manager (Supervisor/Mgr/Nonminority)	Brandy Shelley Milwaukee Health Services Clinical Collaboratives Program Coor (Labor/Minority)
MEDICAL CODING 5 members 0 grad(s)	4		
MEDICAL INTERPRETER 8 members 1 grad(s)	1		
NURSING - RN & PN 9 members 1 grad(s)	0	Patricia Stockhausen Wheaton Franciscan Healthcare - North Education Manager (Supervisor/Mgr/Nonminority)	
		Joe Coppersmith Froedtert Memorial Hospital RN (Labor/Nonminority)	
NURSING ASSISTANT 8 members 1 grad(s)	1		
OCCUPATIONAL THERAPY ASSISTANT 9 members 7 grad(s)	0		

REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
OPTICIANRY SCIENCE 7 members 3 grad(s)	2		
PHARMACY TECHNICIAN 8 members 1 grad(s)	1		
PHYSICAL THERAPIST ASSISTANT 7 members 2 grad(s)	2		
RADIOGRAPHY 13 members 5 grad(s)	0		
RENAL DIALYSIS TECHNICIAN 6 members 6 grad(s)	3		
RESPIRATORY THERAPIST 9 members 4 grad(s)	0		

REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
SURGICAL TECHNOLOGY 7 members 4 grad(s)	2	Pauline Sievert St. Francis Hospital Surgical Technologist (Labor/Nonminority)	
		Kimberly Maclin Froedtert Operating Room Manager (Supervisor/Mgr/Minority)	
		Mary Kokan South Milwaukee High School Health Occupations Teacher (Consult/Nonminority)	
		Brian Holzhauer Clement J. Zablocki VA Medical Cer Surgical Technologist (Labor/Nonminority)	

SCHOOL OF HEALTH SCIENCES DIVISION

SCHOOL OF LIBERAL ARTS & SCIENCES

CHEMICAL TECHNICIAN 17 members 5 grad(s)	0
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REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
EARLY CHILDHOOD EDUCATION 11 members 2 grad(s)	0		
HUMAN SERVICE ASSOCIATE 6 members 2 grad(s)	3		
INTERPRETER TECHNICIAN 10 members 3 grad(s)	0		Katie Johnson Milwaukee Sign Language School MLSLS Interpreter (Labor/Minority)
			Joseph N. Riggio Wisconsin Telecommunications Relat Customer Service MGR. (Supervisor/Mgr/Nonminority)
TEACHER EDUCATION TRACK 11 members 2 grad(s)	0		
SCHOOL OF LIBERAL ARTS & SCIENCES DIVISION			
<u>SCHOOL OF MEDIA & CREATIVE ARTS</u>			
ANIMATION 7 members 2 grad(s)	2		
COMPUTER SIMULATION & GAMING 8 members 3 grad(s)	1		

REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
GRAPHIC DESIGN 13 members 7 grad(s)	0		
MUSIC OCCUPATIONS 9 members 1 grad(s)	0		
PHOTOGRAPHY 14 members 6 grad(s)	0		
TELEVISION VIDEO PRODUCTION 11 members 2 grad(s)	0		
VISUAL COMMUNICATIONS 15 members 6 grad(s)	0		
SCHOOL OF MEDIA & CREATIVE ARTSDIVISION			
<u>SCHOOL OF PRE-COLLEGE</u>			
INSTITUTIONALIZED INDIVIDUAL 4 members 0 grad(s)	5		
PRE-COLLEGE EDUCATION 10 members 0 grad(s)	0		
SCHOOL OF PRE-COLLEGEDIVISION			
<u>SCHOOL OF TECHNOLOGY & APPLIED SCIENCES</u>			

REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
AIR CONDITIONING REFRIGERATION 8 members 3 grad(s)	1		William Herbst Service Operations Manager (Supervisor/Mgr/Nonminority)
APPLIANCE TECHNICIAN 9 members 2 grad(s)	0		
ARCHITECTURAL TECHNOLOGY 5 members 1 grad(s)	4		Patricia Westphal Builders Hardware & Hollow Metals, Project Manager (Labor/Nonminority)
AUTOMOBILE/AUTO BODY SERVICING 11 members 4 grad(s)	0		
AUTOMOTIVE TECHNOLOGY 12 members 1 grad(s)	0		
AVIATION MECHANICS 12 members 5 grad(s)	0		
BIOMEDICAL ELECTRONICS TECHNOLOGY 13 members 6 grad(s)	0		
BRICKLAYING AND MASONRY 6 members 3 grad(s)	3		

REPORT ON ADVISORY COMMITTEE MEMBERSHIP
APRIL, MAY, AND JUNE 2012

COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
CARPENTERS & CABINETMAKERS 6 members 1 grad(s)	3	Gary Millard Wooden Thumb, Inc. CEO (Supervisor/Mgr/Nonminority)	
		Thomas M. Weiher, CR/CKBR Carmel Builders, Inc. President (Supervisor/Mgr/Nonminority)	
CIVIL ENGINEERING TECHNOLOGY 9 members 3 grad(s)	0		
COMPUTER ELECTRONICS TECHNOLOGY 6 members 1 grad(s)	3		
CRIMINAL JUSTICE LAW ENFORCEMENT 7 members 2 grad(s)	2		
DIESEL & POWERTRAIN SERVICING 9 members 2 grad(s)	0		
ELECTRICITY - DIPLOMA 8 members 2 grad(s)	1		

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COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
ELECTRONIC ENGINEERING TECHNOLOGY 9 members 3 grad(s)	0	Thomas Shircel ABB Incorporated Sr. HVAC Regional Application Eng (Supervisor/Mgr/Nonminority)	Randy Schultz Badger Meter, Incorporated Supervisor/Senior Electronics Engine (Labor/Nonminority)
ELECTRONIC TECHNOLOGY COMMUNICATION 8 members 3 grad(s)	1		
ELECTRONIC TECHNOLOGY CONTROLS AUTOMATION 10 members 3 grad(s)	0		
FIRE SCIENCE/EMS 9 members 5 grad(s)	0		
HORTICULTURE 7 members 2 grad(s)	2		
INTERIOR DESIGN 8 members 3 grad(s)	1	Greg Ross Ross Interiors Owner (Supervisor/Mgr/Nonminority)	
LINE MECHANIC 6 members 0 grad(s)	3		Chris Norton WE Energies Operations Manager (Supervisor/Mgr/Nonminority)

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MACHINE TOOL/CNC - TOOL & DIE MAKING 14 members 4 grad(s)	0		
MACHINE TRADES APPRENTICE 5 members 0 grad(s)	4		
MAINTENANCE & INDUSTRIAL ELECTRICIAN APPRENTICE 9 members 2 grad(s)	0		
MECHANICAL DRAFTING & DESIGN 10 members 6 grad(s)	0		Jason Veliquette Briggs & Stratton Corporation Engine Development Lab Manager (Supervisor/Mgr/Nonminority)
PAINING & DECORATING APPRENTICE 8 members 1 grad(s)	1		
POWER ENGINEERING & BOILER OPERATOR 9 members 3 grad(s)	0		
PREPARATORY PLUMBING 9 members 2 grad(s)	0		
QUALITY ENGINEERING TECHNOLOGY 10 members 2 grad(s)	0		

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COMMITTEE	VAC	MEMBERS RECENTLY LEFT	MEMBERS NEWLY ADDED
RENEWABLE ENERGY 11 members 1 grad(s)	0	Lori Howe Milwaukee Community Service Corp Industry Partner Facilitator/Case Mar (Consult/Nonminority)	George Leutermann Milwaukee Community Service Corp Executive Director (Supervisor/Mgr/Nonminority)
		Ben Collins Piper Electric, Inc. Renewable Energy Department Mana (Supervisor/Mgr/Nonminority)	Brent Brucker Helios Solar Works General Manager (Supervisor/Mgr/Nonminority)
ROOFER APPRENTICE 7 members 0 grad(s)	2		
SHEET METAL APPRENTICE 11 members 4 grad(s)	0		
STEAMFITTER & REFRIGERATION APPRENTICE 7 members 2 grad(s)	2		
SUSTAINABLE FACILITIES OPERATIONS 8 members 1 grad(s)	1		
WELDING/WELD TECH 13 members 5 grad(s)	0		
SCHOOL OF TECHNOLOGY & APPLIED SCIENCES DIVISION			