



DUAL ENROLLMENT ACADEMY

FOR HIGH SCHOOL SENIORS



2026-27
ACADEMIC YEAR

REFRIGERATION, AIR CONDITIONING AND HEATING SERVICE TECHNICIAN

Oak Creek Campus

The curriculum provides instruction in all types of air conditioning and refrigeration equipment, including room air conditioners, ice cube makers, and display freezer and refrigeration units. The operation, repair and installation of gas- and oil-fired heating units also are taught. Students receive Technical Diploma upon successful completion.

About

Dual Enrollment Academy (DEA) participants receive college-level training to begin careers in high-demand fields. Throughout their senior year, DEA students earn high school and college credits while spending the majority of their school day at MATC. The DEA is designed for students attending high schools within MATC's district.

Student Eligibility Requirements

- Be a 2026-27 high school senior
- Have a counselor recommendation
- Have a high school GPA of 2.0 or higher
- Be in good academic standing and on track to graduate from high school
- Have 90% attendance record in high school (exceptions made for illness)
- Have completed Algebra II with a minimum grade of C

FOR MORE INFORMATION

Contact Megan Poytinger
poytingm@matc.edu | 414-297-8686

SEMESTER 1	MATC COURSES		CREDITS
	ELECTY-398	Electrical Circuits and Controls for HVAC/R	3
	ENG-195	Written Communication	3
	HVAC1-300	Basic Refrigeration and System Operations	4
	HVAC1-325	Oil Furnace Service and Maintenance	3
	HVAC1-332	Math for HVAC Service Technicians*	2
	HVAC1-350	Air Conditioning Principles	2

*students will have the opportunity to test out of this course

SEMESTER 2	MATC COURSES		CREDITS
	ELECTY-396	HVAC/R Electrical Systems	2
	ELECTY-397	Electrical Wiring Methods for Air Conditioning and Refrigeration	1
	HVAC1-301	Introduction to Refrigeration Servicing and Application	4
	HVAC1-326	Gas Furnace Servicing and Maintenance	3
	HVAC2-148	Heat Pumps	3
	ENG-197	Technical Reporting	3

TOTAL PROGRAM CREDITS

33

*All classes are held at MATC's Oak Creek Campus.
Classes may change from face-to-face to virtual, hybrid and/or online.
Program curriculum requirements are subject to change.*



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Student Benefits

- High school seniors earn college credits and high school credits
- Students may earn an industry-recognized credential upon program completion
- Students attain an introduction to the college experience
- MATC offers virtual learning and hands-on experiences, and students benefit from their instructors' professional industry experience
- Credits earned through DEA can be applied to MATC programs in the future, which shortens the time and reduces the cost to complete a technical diploma or associate degree

Cost

Please contact your high school for parameters on tuition and books.

Tuition: \$5,618.45*

Books: \$700.25*

*2025-26 fees shown; 2026-27 fees may increase slightly. MATC's DEA Grant will cover all costs associated with the academy above the 18th credit.

AIR CONDITIONING AND REFRIGERATION TECHNOLOGY PATHWAY

Refrigeration, Air Conditioning and Heating Service Technician

Enter a career that emphasizes working with HVAC/R equipment. You will learn to service and install air conditioning, refrigeration and heating equipment. There is an ongoing need for technicians who have current training in the installing, troubleshooting and repair of HVAC/R units. **REMAINING CREDITS: 0**

Air Conditioning and Refrigeration Technology Associate's Degree

Ensure comfortable environments in homes and businesses. Students attain a background in mathematics, drafting, electricity and thermodynamics. Co-op credit may be available for appropriate employment opportunities. There is a steady demand for trained air conditioning and refrigeration technicians. The Refrigeration, Air Conditioning and Heating Service Technician technical diploma ladders into this associate degree. Contact an MATC advisor for information.

REMAINING CREDITS: 40-46 DEPENDING ON CPLE ELIGIBILITY



**COMMUNITY AND
HUMAN SERVICES**

**YOUR MATC CREDITS
ADD UP FOR YOUR FUTURE**



MATC.EDU | 414-297-MATC | WISCONSIN RELAY SYSTEM 711
DOWNTOWN MILWAUKEE | MEQUON | OAK CREEK | WALKER'S SQUARE | WEST ALLIS



Milwaukee Area Technical College is an Affirmative Action/Equal Opportunity Institution and complies with all requirements of the Americans With Disabilities Act. MATC is accredited by the Higher Learning Commission, Commission on Institutions of Higher Education, the national standard in accrediting colleges and schools for distinction in academics and student services.