

Refrigeration, Air Conditioning and Heating Service Technician



Technical Diploma

PROGRAM CODE: 31-401-1



COURSE	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
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

CREDITS
Total credits needed to complete this diploma **30**

‡ Prerequisite required.
Program curriculum requirements are subject to change.
Current MATC students should consult their Academic Program Plan for specific curriculum requirements.
This program is accredited by HVAC Excellence
P.O. Box 521, Mt. Prospect, IL 60056
800-726-9696; <https://www.escogroup.org/accreditation/default.aspx>.

Location: Oak Creek Campus
Start Dates: August and January
Admission Requirement: High school diploma or GED recommended
Financial Aid Eligible: Yes.
Apply at fafsa.gov. Use School Code 003866.

Program Description
Enter a career that emphasizes working with HVAC/R equipment. You will learn to service and install air conditioning, refrigeration and heating equipment.

Career Outlook
There is an ongoing need for technicians who have current training in the installing, troubleshooting and repair of HVAC/R unit.

- Program Learning Outcomes**
- Install HVAC/R components.
 - Service HVAC/R systems.
 - Troubleshoot HVAC/R systems.



Complete Program Details
QUESTIONS? 414-297-8901 or mctpathway@matc.edu