

Refrigeration, Air Conditioning and Heating Service Technician

PROGRAM CODE: 31-401-1



Technical Diploma



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
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.

MATC courses are offered in person, entirely online or partially online.

Check each course's delivery options in Self-Service at selfservice.matc.edu.

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 equivalent recommended. This program admits students through a waiting list process. Visit the program's webpage at matc.edu to view the waiting list process and all requirements.

Academic Preparedness Requirement: High school-level algebra

Financial Aid Eligible: Yes. Use code 003866 at fafsa.gov.

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.
- Evaluate HVAC/R system designs.



Complete Program Details

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