



# Refrigeration, Air Conditioning and Heating Service Technician

**TECHNICAL DIPLOMA**

Program Code: 31-401-1

## Oak Creek Campus

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 units.

This technical diploma ladders into the Air Conditioning and Refrigeration Technology associate degree. Contact an MATC advisor for details.

### Program Learning Outcomes

- Install HVAC/R components
- Service HVAC/R systems
- Troubleshoot HVAC/R systems

### Admission Requirement

- High school diploma or GED recommended



**Manufacturing, Construction & Transportation**  
**MILWAUKEE AREA Technical College**

**matc.edu | 414-297-MATC**

**Start dates:** August and January

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	
TOTAL CREDITS: 30	

‡ Prerequisite required.  
Program curriculum requirements are subject to change.  
This program is accredited by HVAC Excellence,  
P.O. Box 521, Mt. Prospect, IL 60056; 800-394-5268;  
<https://www.escogroup.org/accreditation/default.aspx>.

Current MATC students should consult their  
**Academic Program Plan** for specific curriculum  
requirements.

Possible Careers

- Service Technician
- Environmental Service Technician
- Service Apprentice
- Steamfitter Apprentice
- Sheet Metal Worker Apprentice

Related Programs

- Air Conditioning and Refrigeration Technology
- Appliance Technician
- Building Automated Systems



10% Post Consumer Recycled



[matc.edu](http://matc.edu) or 414-297-MATC  
Wisconsin Relay System 711

**Downtown Milwaukee Campus**  
700 West State Street

**Mequon Campus**  
5555 West Highland Road

**Oak Creek Campus**  
6665 South Howell Avenue

**West Allis Campus**  
1200 South 71st Street

**MATC Education Center  
at Walker's Square**  
816 West National Avenue, Milwaukee