

# HVAC INSTALLATION TECHNICIAN

**Program Number:** 31-601-2

Technical Diploma (1 year)

**Campus:** West Bend

This program is eligible for financial aid (<http://www.morainepark.edu/financial-aid/>)

Learn concepts about HVAC installation and design and earn a degree in less than a year with the HVAC Installation Technician program at MPTC.

## About the Program

Heating, ventilation, air conditioning and refrigeration jobs are in high-demand (<http://www.bls.gov/ooh/installation-maintenance-and-repair/heating-air-conditioning-and-refrigeration-mechanics-and-installers.htm>). Take advantage of this job-growth by getting started in MPTC's HVAC Installation Technician program. Students receive vast HVAC training and learn principles of air conditioning and heating installation.

## What You'll Learn

Students of this program benefit from hands-on instruction in a state-of-the-art lab and simulated construction environment. Students learn how to install and start up residential and commercial heating, ventilation, refrigeration and air conditioning equipment. Students receive hands-on training in applications of refrigeration, hot water/steam heating, and electric motors and controls.

## Transfer Opportunities

Your academic journey can continue at a four-year college or university. Earn your associate degree at Moraine Park and then apply those credits toward a bachelor's degree. Starting at MPTC makes completing a bachelor's degree **affordable**, **accessible** and **convenient**. You can go anywhere as MPTC has transfer agreements with colleges and universities both in Wisconsin and throughout the country.

Visit the Transfer to a Four-Year College (<https://www.morainepark.edu/transfer-to-a-four-year-college/>) page for more information on credit transfer agreements between Moraine Park and four-year colleges, both public and private.

## Additional Information

Students must purchase various hand tools for this program.

## Admission Process

Standard Admissions (<http://www.morainepark.edu/admissions/new-student/how-to-apply-for-admissions/>) steps details

## Credit for Prior Learning

Transform the skills and abilities developed through previous experience into college credit through MPTC's Credit for Prior Learning process.

- Transfer credit from other colleges/universities
- Earn college credit for your military training and experience
- Earn college credit via Advance Placement, CLEP, DANTES/DSST or MPTC Challenge Exams
- Earn college credit from previous/current work and life experiences

Visit MPTC's Credit for Prior Learning (<https://www.morainepark.edu/academics/credit-for-prior-learning/>) page for more information.

## Approximate Costs

**NOTE: The fees below are 2025-2026 fees. They will be updated when 2026-2027 fees are approved.**

### Tuition

#### Occupational

- \$152.85 per credit (resident)
- \$229.28 per credit (out-of-state resident)

#### Associate of Arts/Associate of Science

- \$192.20 per credit (resident)
- \$288.30 per credit (out-of-state resident)

Online students are not charged out-of-state fees.

### Student Fees

- \$5.00 minimum per course Material Fee
- \$13.76 per-credit Supplemental Fee for Undergraduate courses
- \$4.50 per term mandatory Student Accident Insurance Fee

Please refer to Tuition & Fee Information (<https://catalog.morainepark.edu/admissions-registration/tuition-fee-information/>) for additional enrollment fee information.

## Financial Aid

Financial Aid is available for associate degree and technical diploma programs (those that are 2 semesters in length and typically with 28 credits or more). Processing can take 4-5 weeks after a student's completed Free Application for Federal Student Aid (FAFSA (<https://studentaid.gov/h/apply-for-aid/fafsa/>)) is received.

Several factors influence the total cost of your degree, including enrollment fees, the number of credits required, textbooks and equipment. **Financial aid** (<https://www.morainepark.edu/pay-for-college/financial-aid/>) can assist with those costs.

## Course Requirements

Course	Title	Credits
<b>Semester 1</b>		
103-159	Computer Literacy - Microsoft Office	1
601-307	Electricity and Electronics HVAC	3
601-308	HVAC Schematics	2
601-309	HVAC/R Code and OSHA 10	1
601-320	Fundamentals of Refrigeration	2
601-321	Refrigeration Service Techniques	2
601-323	Residential Heating Systems	3
804-360	Occupational Mathematics 1	2
890-101	College 101	2
<b>Credits</b>		<b>18</b>
<b>Semester 2</b>		
601-310	Fundamentals of Building Controls and Systems	2
601-314	Commercial Refrigeration	3
601-322	Residential Air Conditioning	3
601-334	Commercial Heating and Air Conditioning	3

804-361	Occupational Mathematics 2	2
	<b>Credits</b>	<b>13</b>
	<b>Total Credits</b>	<b>31</b>

<sup>1</sup> Students will obtain OSHA 10 certification through completion of the HVAC/R Code and OSHA 10 course (601-309).

## Program Outcomes

- Install residential heating, ventilation and air conditioning equipment.
- Commission (start up) and service residential heating, ventilation and air conditioning equipment.
- Install commercial heating, ventilation and air conditioning equipment.
- Commission (start up) and service commercial heating, ventilation and air conditioning equipment.
- Install commercial refrigeration equipment.
- Commission (start up) and service commercial refrigeration equipment.
- Students will obtain OSHA 10 certification as part of the program.

## Career Opportunities

- Air-Balancing Technician
- Service Technician
- Building Automation Systems Specialist
- Commercial Refrigeration Technician
- HVAC Business Owner
- Facilities Maintenance Technician
- Employment at an entry level includes: Testing and Balancing of Air and Water Movement; Installation; Energy Auditing; Sales

## Statewide Median Salary for Recent Graduates

\$43,676