



Your Success
Starts Here.



HEATING & AIR CONDITIONING TECHNOLOGY AT PENTA CAREER CENTER

Owens Community College: HVAC Certificate
Credits: 29

PROGRAM DESCRIPTION

The Heating, Ventilating, Air Conditioning and Refrigeration (HVAC) certificate is for building maintenance employees, HVAC contractors, technicians and/or apprentices who are required to have an extensive practical knowledge of the many HVAC principles used in area homes, businesses, schools, hospitals and industries. Credits earned in this certificate may be applied toward the Building Maintenance Major.

JOB OPPORTUNITIES

There are a number of skilled positions/careers available to students taking this program. Positions held are HVAC technicians, general building maintenance, building and grounds maintenance, and many become contractors. According to the DOL Bureau of Labor Statistics the job outlook thru 2022 is good. Employment of heating, air conditioning, and refrigeration mechanics and installers is projected to grow 21 percent by 2022, faster than the average for all occupations.

SALARY

The median annual wage for heating, air conditioning, and refrigeration mechanics and installers is \$43,640. The lowest 10 percent earned less than \$27,330, and the top 10 percent earned more than \$68,990.

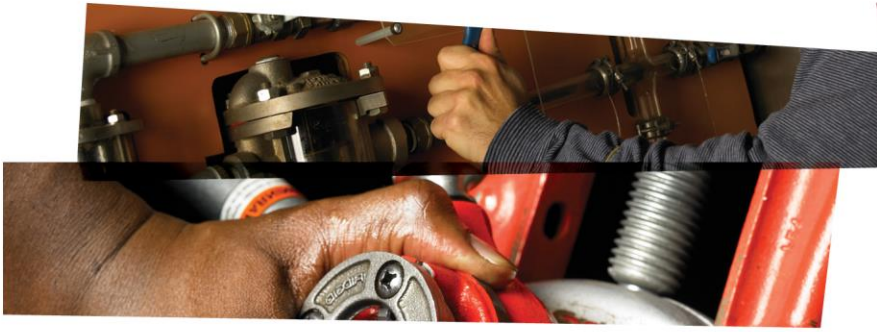
Apprentices will make less than journeymen make, however they are on a progressive pay scale. Generally apprentices receive pay increases as they progress through their apprenticeship. As apprentices advance in their skills and are capable of working with limited supervision their rate of pay reflects that knowledge and skill advancement.

TECH PREP SCHOLARSHIP

Owens Community College offers Tech Prep scholarships to graduating high school seniors who have participated in a Tech Prep career pathway within the Greater Northwest Ohio Tech Prep Consortium. The maximum award is \$2,000 total (\$1,000 per year) or \$500 per semester for four semesters to cover tuition, fees, and an allotment for books **that are not covered** by other financial aid, such as Federal Pell Grant, as long as the student maintains eligibility. This scholarship does not pay for supplies, lab fees, course fees, and other institutional fees. Students must earn a 2.5 on a 4.0 GPA scale by the end of the 7th semester of high school. They must enroll at Owens, full time, for the fall semester immediately following high school graduation, and declare an associate degree program related to the chosen high school Tech Prep pathway.



OWENS
COMMUNITY COLLEGE



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owens.edu



MTH 151 Applied Algebra	Credits: 2
MTH 152 Applied Geometry/Trig	Credits: 2
SKT 122 Elec Printreading & Control	Credits: 2
SKT 170 Maintenance Electricity	Credits: 3
SKT 176 Electricity: HVACR Principles	Credits: 2
SKT 158 Refrigeration - A/C Principles	Credits: 3
SKT 165 Gas Heating Principles	Credits: 2
SKT 167 Psychrometrics	Credits: 2
SKT 206 HVACR: Service Application	Credits: 2
SKT 244 HVACR System Troubleshooting	Credits: 2

Select 7 credits from courses listed:

SKT 132 - Electrical Prints: Controls	Credits: 2
SKT 145 - Building Print Reading	Credits: 2
SKT 150 - Piping Systems	Credits: 3
AIM 140 - Blueprint Reading for Industry	Credits: 2
SKT 166 - Oil/Electric Heat Principles	Credits: 2
SKT 181 - Motor Control Systems: I	Credits: 2
SKT 187 - Resid & Comm Mech Code	Credits: 2
SKT 195 - Low/High Pressure Boiler	Credits: 4
SKT 240 - Advanced Refrigeration	Credits: 2
SKT 237 - Maintenance Tools/Equipment	Credits: 3
SKT 121 - Industrial Communications	Credits: 2
SKT 115 - Construction Estimating	Credits: 2
WLD 191 - Intro to the Welding Processes	Credits: 2

This program participates in College Credit Plus (CCP) at Owens Community College.

<u>College Credits earned via CCP:</u>	05
TOTAL:	05

Cost savings to the student: \$765

Calculation is based on current tuition structure, and is subject to change.

Students do not receive an application fee if they continue their studies at Owens Community College!

For enrollment information, please contact your Admissions Representative:

JJ Sharpe
 Office of Admissions
 30335 Oregon Rd.
 Perrysburg, OH 43551
 (567) 661-7777
 Jennifer_Sharpe2@owens.edu

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