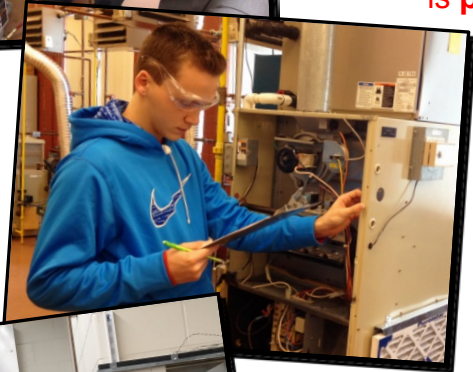


# ***Air Conditioning, Heating & Refrigeration Technology***



This program is designed to provide the knowledge and skills necessary for career opportunities in this expanding industry. (ACHR) Air Conditioning, Heating and Refrigeration technicians are responsible for the design, installation, service and sales of refrigeration and climate control equipment systems.

**The employment outlook\* for installers is projected to grow 21 percent from 2012 to 2022.**



## **Highly Skilled, High Paying, in Demand Jobs**

The demand for highly trained technicians is and will continue to grow for years to come. Some of the job titles with the best pay in the field include;

- Residential service technician
- Commercial HVAC systems technician
- Commercial refrigeration service technician
- Building automation and controls technician



Mott Community College offers programs in both ...

- **Associate of Applied Science Degree in ACHR**
- **Certificate of Achievement in ACHR**



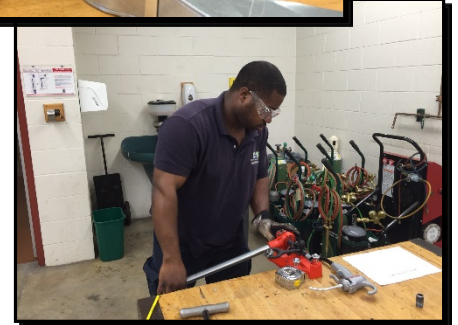
## Nature of the Work

The *Occupational Outlook Handbook* (2012)\* stated ...

"Heating, air conditioning, and refrigeration mechanics and installers—often called *HVACR technicians*—work on heating, ventilation, cooling, and refrigeration systems that control the temperature and air quality in buildings.

HVACR technicians work in residential homes, schools, hospitals, office buildings, or factories. Their worksites may be very hot or cold because the heating and cooling systems they must repair may not be working, and because some parts of these systems are located outdoors. Irregular hours and working in cramped spaces are common.

**Employment of heating, air conditioning, and refrigeration mechanics and installers is projected to grow 21 percent from 2012 to 2022**, faster than the average for all occupations. Candidates familiar with computers and electronics and those with good troubleshooting skills will have the best job opportunities as employers continue to have difficulty finding qualified technicians to work on complex new systems."



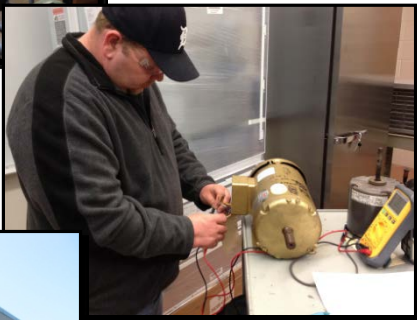
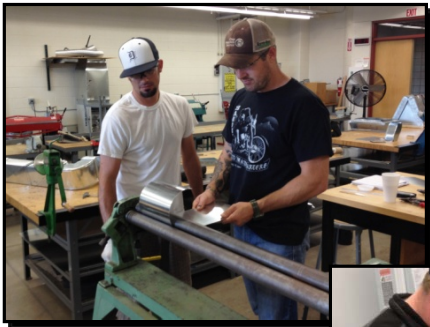
**The Occupational Outlook Handbook (2015)** stated ...

Median salaries in the industries employing the largest numbers of heating, air-conditioning, and refrigeration mechanics and installers were:

- Heating, air conditioning, and refrigeration mechanics and installers \$45,110
- Installation, maintenance, and repair occupations \$45,990
- Sheet Metal Workers \$45,750

### Other Employment Opportunities Include:

- Air Conditioning, Heating and Refrigeration Sales
- Building Maintenance Worker
- Climate Control Mechanic
- Refrigeration Technician



## Consider Getting a 4-Year Degree in HVACR

Mott has a transfer agreement with Ferris State University for students to be able to continue their education in their HVACR (Heating, Ventilation, Air Conditioning and Refrigeration)



Engineering Technology Bachelor of Science Degree. FSU is one of four schools in the country to offer the four year degree.

## Learn More about ACHR and other Technology Division Programs

- Contact Jeff Brandes, the ACHR program coordinator, at 810.762.0042.
- Contact the Advising Center at 810.762.0331
- Check the Technology Division Web site (below)



**MOTT** COMMUNITY COLLEGE  
**TECHNOLOGY DIVISION**

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[facebook.com/MCCTechnology](https://www.facebook.com/MCCTechnology)

As an affirmative action/equal opportunity institution, the College encourages diversity and provides equal opportunity in education, employment, all of its programs, and the use of its facilities. The college does not discriminate in educational or employment opportunities or practices on the basis of race, color, religion, gender, national origin, veteran's status, age, disability unrelated to an individual's ability to perform adequately, height, weight, marital status, political belief, sexual orientation, or any other characteristic protected by law.

Inquiries by students regarding compliance with Title IX should be directed to:  
Dean - Enrollment, Retention, and Registrar - Records & Registration  
1401 Court E. Street, Prah College Center - PCCLL, Flint, MI 48503, (810) 762-0243

Inquiries by students regarding compliance with Section 504 compliance should be directed to:  
Director - Admissions & Student Success Services  
1401 E. Court Street, Prah College Center - PCC1130, Flint, MI 48503, (810) 232-8225