

## 2022-23 ACADEMIC PROGRAMS

### 2022-2023 HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION - COMMERCIAL TRADE (CVHVCT)

#### Description

This program is a capstone to HVAC-Residential Certification, and is designed for students who wish to develop skills in HVACR mechanics or installation. It prepares the student for industry-recognized certification (C/IS) for entry-level employment in commercial heating, ventilation and air conditioning. Additional theory and hands-on experience will increase students' knowledge base concerning HVACR systems at the commercial level. The student will develop knowledge and skills in sizing, layout, installation, maintenance, and troubleshooting HVACR equipment.

#### Articulation

Eastern Michigan University, several BS degrees. Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: <https://www.wccnet.edu/learn/transfer-wcc-credits/articulation-agreements.php>.

#### Admissions Requirements

Students must complete the Heating, Ventilation, Air Conditioning, and Refrigeration Residential Certificate (CTHVRR).

#### Course Requirements

##### Major/Area Requirements

Class	Title	Minimum Credits
HVA 203	Refrigeration Systems	3
HVA 205	Hydronic Systems	4
HVA 207	Commercial Industry Standards with Competency Exams	3
Total		10

##### Core Courses

Class	Title	Minimum Credits
HVA 201	Energy Audits	4
HVA 202	Air System Layout and Design	3
Total		7

#### Total Credits Required: 17

Accurate as of 02/22/2023 Information is subject to change without notice.