

# HVAC/R Systems Technology - Air Conditioning (HVA.HVC.CT)

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## Certificate

### Engineering/Manufacturing and Industrial Technology

Auburn Hills Campus

[HVAC/R Systems Technology - Air Conditioning program webpage](#)

### Program Plan Example - Not Available

| Code                      | Title   | Credit Hours |
|---------------------------|---|--------------|
| <b>Requirements</b>       |   |              |
| HVA 1114                  | Introduction to Refrigeration                                     | 4            |
| HVA 1120                  | Sheet Metal Layout and Fabrication                                | 3            |
| HVA 1150                  | Basic Principles of HVACR Controls                                | 4            |
| HVA 1310                  | Heating, Ventilation, Air Conditioning and Refrigeration Design I | 4            |
| HVA 1430                  | Residential and Commercial Control Systems                        | 4            |
| HVA 1522                  | Refrigeration Code  | 2            |
| HVA 1610                  | Heating Technology I  | 4            |
| HVA 1650                  | Troubleshooting Air Conditioning                                  | 2            |
| HVA 2400                  | Energy Management   | 4            |
| <b>Total Credit Hours</b> |   | <b>31</b>    |

A minimum cumulative 2.00 grade point average (GPA) overall is required for graduation.