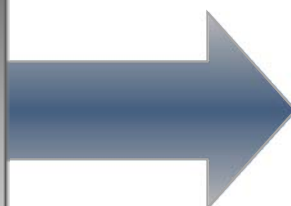


### **HVAC Technician**

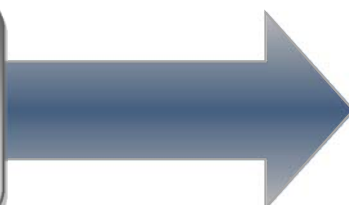
- OSHA 10 Card
- Entry Level Credential in one of the following (*see page 2*):
  - ICE (*Industry Competency Exam*)
  - NATE (*North American Technician Excellence*)
  - HVAC Excellence
  - NCCER (*National Center for Construction Education and Research*)



**Certificate B**  
Maximum of 44 Credit Hours

### **HVAC Degree**

- Certificate B Requirements
- Minimum of 15 Credit Hours of General Education



**A.A.S.**  
Maximum of 67 Credit Hours  
for State Funding

### ***Required Courses within Program***

**Common Courses** **14-16 credits:**

<b><i>HVAC Fundamentals</i></b>	<b><i>4 credits</i></b>
<b><i>Heating System Fundamentals</i></b>	<b><i>3 credits</i></b>
<b><i>Electrical Fundamentals</i></b>	<b><i>4 credits</i></b>
<b><i>Workplace Skills</i></b>	<b><i>1 credit</i></b>
<b><i>EPA 608</i></b>	<b><i>1 credit</i></b>
<b><i>Safety Orientation/OSHA 10 or 30</i></b>	<b><i>1-3 credits</i></b>

*Course list sequence has no implication on course scheduling by colleges.*

*Institutions may add additional competencies based on local demand.*

## Certificate B

**Institutions may choose one of the following four credentialing options:**

**ICE** – Completion of one of the following Credential options:

- Core + Residential Air Conditioning and Heating OR
- Light Commercial Air Conditioning and Heating OR
- Commercial Refrigeration

**OR**

**NATE** - Credential Core Areas + minimum of one specialty area in Installation or Service which may include:

- Air Conditioning
- Air Distribution
- Air-to-Air Heat Pumps
- Gas Furnaces
- Oil Furnaces
- Hydronics Gas
- Light Commercial Refrigeration
- Commercial Refrigeration
- Ground Source Heat Pump Loop Installer

**OR**

**HVAC Excellence** – Credential Core Areas (Electrical & Refrigeration Theory) + minimum of one of the following areas:

- Air Conditioning, Gas Heat, & Electrical
- Light Commercial Air Conditioning, Gas Heat, & Electrical
- Light Commercial Refrigeration & Electrical

**OR**

**NCCER** - Credential Core Areas + Completion of Level 1 & 2 Competencies



## A.A.S.

**Institutions may add an HVAC A.A.S. degree (maximum of 67 credits) that requires completion of the requirements for a Certificate B AND requires a minimum of 15 Credit Hours of General Education.**