

## HEATING, VENTILATION, A/C, REFRIGERATION

### Heating Service Certificate

*This 22 credit-hour certificate program is designed provide students the skill set to perform preventative maintenance service and repairs on residential and commercial heating systems. Emphasis is placed on practical application to develop troubleshooting techniques, installation of residential heating systems, and perform commercial boiler maintenance.*

#### Required:

Number	Course Title	Credits
ELT 110	Introductory Electronics .....	4
HVA 103	Heating Principles .....	3
HVA 104	Residential Comfort Systems .....	3
HVA 105	Heating and Cooling Controls .....	3
HVA 106	Pneumatic Controls Systems .....	3
HVA 109	Commercial Heating Systems .....	3
MTH 097	Basic Technical Mathematics <sup>1</sup> .....	3

<sup>1</sup> Students may take MTH 080, MTH 097, MTH 101, MTH 103, or higher.