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## HEATING, VENTILATION, A/C, REFRIGERATION

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### Refrigeration Service Certificate

*This 19 credit-hour certificate program is designed provide students the skill set to perform preventative maintenance service and repairs on residential and commercial refrigeration system. Emphasis is placed on practical application to perform system diagnostics and develop troubleshooting techniques.*

**Required:**

Number	Course Title	Credits
ELT 110	Introductory Electronics .....	4
HVA 101	Refrigeration Fundamentals .....	3
HVA 102	Refrigeration Systems .....	3
HVA 105	Heating and Cooling Controls .....	3
HVA 108	Domestic Refrigeration Appliances .....	3
MTH 097	Basic Technical Mathematics <sup>1</sup> .....	3

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