

HEATING, VENTILATION AND AIR CONDITIONING

Associate in Applied Science

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|------------------------------|--------------|
| Prescribed Technical Program | 44 |
| General Education | 15-16 |
| Elective Credit | 1 |
| Digital Literacy | |
| Total Degree Credits | 60-61 |

| Course | Title | Credits |
|--|---|-----------|
| Fall Semester | | |
| Prescribed Technical Program Requirements | | |
| SMTL 105 | Sheet Metal I | 3 |
| SMTL 106 | Sheet Metal II | 6 |
| SMTL 107 | Sheet Metal III | 4 |
| SMTL 115 | Practical Applications of Sheet Metal | 4 |
| | Credits | 17 |
| Spring Semester | | |
| Prescribed Technical Program Requirements | | |
| HVAC 100 | Introduction to Heating, Ventilation and Air Conditioning | 3 |
| HVAC 103 | Air Conditioning Theory and Components | 5 |
| HVAC 104 | Heating Theory and Components | 4 |
| HVAC 114 | Heating Systems Troubleshooting | 5 |
| | Credits | 17 |
| Summer Semester | | |
| Prescribed Technical Program Requirements | | |
| HVAC 213 | Air Conditioning Systems Troubleshooting | 5 |
| REFG 215 | Light Commercial Refrigeration | 2 |
| REFG 216 | Domestic Refrigeration | 3 |
| | Credits | 10 |
| | Total Credits | 44 |

General Education Requirements

Arts & Humanities/Social & Behavioral Sciences

Select one of the following recommended courses: 3

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| HIST 103 | United States to 1877 | |
| ECON 201 | Principles of Microeconomics | |
| PSYC 111 | Introduction to Psychology | |
| SOC 110 | Introduction to Sociology | |

Written or Oral Communications

ENGL 110 College Composition I (Required) 3

Select one of the following: 3

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|----------|--------------------------------------|--|
| ENGL 120 | College Composition II | |
| ENGL 125 | Introduction to Professional Writing | |
| COMM 110 | Fundamentals of Public Speaking | |

Business, Math, Science & Technology

Select two of the following recommended courses (Two areas of study): 6-7

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|----------|---|--|
| CSCI 101 | Introduction to Computers ¹ | |
| MATH 110 | Math in Society | |
| MATH 137 | Applied Algebra | |
| CIS 147 | Principles of Information Security ¹ | |

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|---------|---------------------------|-------|
| CIS 164 | Networking Fundamentals I | |
| | Total Credits | 15-16 |

Elective

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|--|---------------|---|
| Electives (Needed if 60 credits have not been met) | | 1 |
| | Total Credits | 1 |

Digital Literacy Requirements

| | | |
|---|---|--|
| Select one of the following: | | |
| CSCI 101 | Introduction to Computers ¹ | |
| CIS 147 | Principles of Information Security ¹ | |
| BSC Approved Training Course | | |
| NDUS Institution Approved Training Course | | |
| NDUS Institution Designated Digital Literacy Course | | |

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CSCI 101, CIS 147 or courses transferred in from another NDUS Institution that are listed as both general education and digital literacy may satisfy both requirements upon successful completion.

College Degree & Digital Literacy Requirements

General Education & Diversity Course Matrix Requirements