



Heating, Air Conditioning and Refrigeration Mechanic and Repairer (HART5) 470201
Associate of Applied Science Degree

First Year

| First Semester | | | Credit |
|-----------------------|------|----------------------------|---------------|
| HART | 1407 | Refrigeration Principles | 4 |
| HART | 1401 | Basic Electricity for HVAC | 4 |
| HART | 1445 | Gas and Electric Heating | 4 |
| MATH | 1332 | Contemporary Mathematics | 3 |

Second Semester

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|------|------|-------------------------------------|---|
| HART | 1403 | Air Conditioning Control Principles | 4 |
| HART | 1341 | Residential Air Conditioning | 3 |
| ENGL | 1301 | Composition I | 3 |
| GOVT | 2305 | Federal Government | 3 |

Second Year

| First Semester | | | |
|-----------------------|------|---|---|
| HART | 2449 | Heat Pumps | 4 |
| HART | 2438 | Air Conditioning Installation and Startup | 4 |
| HART | 2341 | Commercial Air Conditioning | 3 |
| HART | 2342 | Commercial Refrigeration | 3 |
| ELEC | | Humanities/Fine Arts Selection | 3 |

Second Semester

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|--------------------|------|--|-----------|
| HART | 2436 | Air Conditioning Troubleshooting | 4 |
| HART | 2431 | Advanced Electricity for HVAC | 4 |
| SPCH | | SPCH 1315 or 1321 | 3 |
| HART | 2445 | Residential Air Conditioning System Design | |
| or | | | |
| HART | 2488 | Internship | 4 |
| Total Hours | | | 60 |