

Air Conditioning, Heating & Refrigeration Technology

Associate in Applied Science - A35100

Ryal Watkins, Division Chair

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| TOTAL HOURS FOR CREDENTIAL | | | | |
|----------------------------|-----|--------|------|--------|
| Class | Lab | Clinic | Work | Credit |
| 43 | 48 | 0 | 0 | 64 |

Fall I

| Course | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|-------------------------|-------------------------------|---------------|--------------|----------|-----------|----------|----------|-----------|
| ACA 115 | Success and Study Skills | | | 0 | 2 | 0 | 0 | 1 |
| AHR 110 | Introduction to Refrigeration | | | 2 | 6 | 0 | 0 | 5 |
| AHR 111 | HVACR Electricity | | | 2 | 2 | 0 | 0 | 3 |
| AHR 113 | Comfort Cooling | | | 2 | 4 | 0 | 0 | 4 |
| AHR 115 | Refrigeration Systems | AHR 110 | | 1 | 3 | 0 | 0 | 2 |
| ISC 112 | Industrial Safety | | | 2 | 0 | 0 | 0 | 2 |
| Semester Totals: | | | | 9 | 17 | 0 | 0 | 17 |

Spring I

| Course | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|------------------------------|--|--------------------|--------------|-----------|-----------|----------|----------|-----------|
| AHR 112 | Heating Technology | | | 2 | 4 | 0 | 0 | 4 |
| AHR 114 | Heat Pump Technology | AHR 110 or AHR 113 | | 2 | 4 | 0 | 0 | 4 |
| AHR 212 | Advanced Comfort Systems | AHR 114 | | 2 | 6 | 0 | 0 | 4 |
| CIS 110 OR CIS 111 | Introduction to Computers OR Basic PC Literacy | | | 2 | 2 | 0 | 0 | 3 |
| | Humanities/Fine Arts Elective | | | 3 | 0 | 0 | 0 | 3 |
| Semester Totals: | | | | 10 | 16 | 0 | 0 | 17 |

Summer I

| Course | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|------------------------------|---|---------------|--------------|----------|----------|----------|----------|----------|
| ENG 110 OR ENG 111 | Freshman Composition OR Writing & Inquiry | See Catalog | | 3 | 0 | 0 | 0 | 3 |
| Semester Totals: | | | | 3 | 0 | 0 | 0 | 3 |

Fall II

| Course | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|-------------------------|-----------------------------|---------------|--------------|-----------|-----------|----------|----------|-----------|
| AHR 211 | Residential System Design | | | 2 | 2 | 0 | 0 | 3 |
| AHR 213 | HVACR Building Code | | | 1 | 2 | 0 | 0 | 2 |
| BPR 111 | Print Reading | | | 1 | 2 | 0 | 0 | 2 |
| ELC 112 | AC/DC Electricity | | | 3 | 6 | 0 | 0 | 5 |
| MAT 110 | Math Measurement & Literacy | See Catalog | | 3 | 0 | 0 | 0 | 3 |
| Semester Totals: | | | | 10 | 12 | 0 | 0 | 15 |

Spring II

| Course | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|------------------------------|---|---------------|--------------|-----------|----------|----------|----------|-----------|
| AHR 120 | HVAC Maintenance | | | 1 | 3 | 0 | 0 | 2 |
| AHR 160 | Refrigeration Certification | | | 1 | 0 | 0 | 0 | 1 |
| BUS 137 | Principles of Management | | | 3 | 0 | 0 | 0 | 3 |
| COM 231 OR ENG 115 | Public Speaking OR Oral Communication | | | 3 | 0 | 0 | 0 | 3 |
| | Behavioral/Social Science Elective | | | 3 | 0 | 0 | 0 | 3 |
| Semester Totals: | | | | 11 | 3 | 0 | 0 | 12 |

Other Course Information (if applicable)

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