Air Conditioning, Heating, and Refrigeration Technology - Commercial Refrigeration (A35100A)

Effective Term: Fall 2026
Total Credits Required: 73
Registrar's Office Approved: May 18, 2026

Fall Semester 1

☐ AHR 110 – Introduction to Refrigeration (5 Credits)

☐ AHR 111 – HVACR Electricity (3 Credits)

☐ AHR 112 – Heating Technology (4 Credits)

☐ AHR 180 – HVACR Customer Relations (1 Credit)

☐ AHR 213 – HVACR Building Code (2 Credits)

☐ ACA 115 – Success & Study Skills (1 Credit) OR ACA 122 – Transfer & Career Success (1 Credit)

Spring Semester 1

☐ AHR 113 – Comfort Cooling (4 Credits)

☐ AHR 114 – Heat Pump Technology (4 Credits)

☐ AHR 133 – HVAC Servicing (4 Credits)

☐ English Elective (3 Credits)

☐ Major Elective (1 Credit)

Summer Semester 1

☐ AHR 115 – Refrigeration Systems (4 Credits)

☐ AHR 125 – HVACR Electronics (3 Credits)

☐ BAT 111 – Building Automation Systems (2 Credits)

☐ Social Science Elective (3 Credits)

Fall Semester 2

☐ AHR 211 – Residential System Design (3 Credits)

☐ AHR 212 – Advanced Comfort Systems (4 Credits)

☐ AHR 235 – Refrigeration Design (3 Credits)

☐ Math Elective (3 Credits)

☐ Major Elective (2 Credits)

This program planning guide is for advising purposes only and is subject to change.

Spring Semester 2

☐ Communication Elective (3 Credits)

☐ Humanities Elective (3 Credits)

☐ REF 116 – Commercial Systems I (4 Credits)

☐ REF 117 – Refrigeration Controls (4 Credits)

Major Electives

☐ AHR 160 – Refrigerant Certification (1 Credit)

☐ AHR 250 – HVAC System Diagnostics (2 Credits)

☐ BAT 231 – BAS Integration (4 Credits)

☐ BAT 251 – Building Automation Controls (3 Credits)

☐ WBL 111DD – Work-Based Learning I (1 Credit)

☐ WBL 112DD – Work-Based Learning I (2 Credits)

English Electives

☐ ENG 110 – Workplace Writing Essentials (3 Credits)

☐ ENG 111 – Writing and Inquiry (3 Credits)

Communication Electives

☐ COM 120 – Intro Interpersonal Communication (3 Credits)

☐ COM 231 – Public Speaking (3 Credits)

Humanities Electives

☐ HUM 110 – Technology and Society (3 Credits)

☐ HUM 115 – Critical Thinking (3 Credits)

Social Science Electives

☐ PSY 118 – Interpersonal Psychology (3 Credits)

☐ PSY 150 – General Psychology (3 Credits)

Math Electives

☐ MAT 110 – Math Measurement and Literacy (3 Credits)

☐ MAT 121 – Algebra/Trigonometry I (3 Credits)

☐ MAT 171 – Precalculus Algebra (4 Credits)