

# Commercial Refrigeration

## Associate of Applied Science Degree

CR13

### Curriculum

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<b>General Education Core</b>	<b>18</b>
<b>Area I: Language Arts/Communication</b>	6
ENGL 1101 Composition and Rhetoric (3)	
SPCH 1101 Public Speaking (3)	
<b>Area II: Social/Behavioral Sciences</b> <i>(Choose ONE course below.)</i>	3
ECON 1101 Principles of Economics (3)	
ECON 2105 Principles of Macroeconomics (3)	
ECON 2106 Principles of Microeconomics (3)	
HIST 1111 World History I (3)	
HIST 1112 World History II (3)	
HIST 2111 American History I (3)	
HIST 2112 American History II (3)	
POLS 1101 American Government (3)	
PSYC 1101 Introduction to Psychology (3)	
SOC1 1101 Introduction to Sociology (3)	
<b>Area III: Natural Sciences / Mathematics</b>	6
MATH 1111 College Algebra (3)	
<i>Select ONE of the following options:</i>	
MATH 1113 Precalculus (3)	
PHYS 1111 Introductory Physics I (3) + PHYS 1111L Introductory Physics I Lab (1)	
<b>Area IV: Humanities/Fine Arts</b>	3
HUMN 1101 Introduction to Humanities (3)	
<b>Occupational Courses</b>	<b>55</b>
<b>Required Courses:</b>	
COMP 1000 Introduction to Computers (3)	
AIRC 1005 Refrigeration Fundamentals (4)	
AIRC 1010 Refrigeration Principles and Practices (4)	
AIRC 1020 Refrigeration Systems Components (4)	
AIRC 1030 HVACR Electrical Fundamentals (4)	
AIRC 1040 HVACR Electrical Motors (4)	
AIRC 1050 HVACR Electrical Components and Controls (4)	
AIRC 2004 Thermodynamics of Refrigeration (2)	
AIRC 2070 Commercial Refrigeration Design (4)	
AIRC 2080 Commercial Refrigeration Application (4)	
AIRC 2090 Troubleshooting and Servicing Commercial Refrigeration (4)	
ELCR 1010 Direct Current Circuits (6)	
AIRC 2030 Light Commercial Air Conditioning Internship/Practicum (8)	

**Total Credit Hour (minimum):** **73**