

## Commercial Refrigeration Technology A.A.S Degree (A35200)

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### English Requirements (6 credit hours)

\_\_\_ ENG 111 (3) Expository Writing  
\_\_\_ ENG 115 (3) Oral Communication

Math Placement \_\_\_\_\_

Reading Placement \_\_\_\_\_

Writing Placement \_\_\_\_\_

___ MAT 060 (4) Essential Mathematics
___ MAT 070 (4) Introductory Algebra
___ RED 080 (4) Intro to College Reading
___ RED 090 (4) Improved College Reading
___ ENG 080 (4) Writing Foundations
___ ENG 090 (3) Composition Strategies

### Math Requirements (3 credit hours)

\_\_\_ MAT 115 (3) Mathematical Models **or**  
\_\_\_ MAT 120 (3) Geometry & Trigonometry

\*Developmental courses/pre-requisites may be waived by placement tests or appropriate transfer credit

### General Education Requirements (3-4 credit hours)

\_\_\_ ACA 115 (1) Success & Study Skills  
\_\_\_ CIS 111 (2) Basic PC Literacy **or**  
\_\_\_ CIS 110 (3) Introduction to Computers

### Social Behavioral Sciences (3 credit hours)

\_\_\_ Select One: ECO 251, ECO, 252, HIS 132, HIS 221, POL 120, PSY 118, \*PSY 150, \*PSY 243, \*SOC 210, \*SOC 213, \*SOC 220

### Humanities/Fine Arts (3 credit hours)

\_\_\_ Select One: ART 111, \*HUM 115, \*HUM 120, \*HUM 121, \*HUM 211, MUS 110, \*REL 110

\*Signifies Courses with a pre-requisite

### Major Courses (53 credit hours)

___ AHR 110 (5) Intro to Refrigeration	
___ AHR 111 (3) HVACR Electricity	
___ AHR 115 (2) Refrigeration Systems	Pre-Requisite: AHR 110
___ AHR 125 (2) HVAC Electronics	Co-Requisite: AHR 111 or ELC 111
___ AHR 160 (1) Refrigerant Certification	
___ AHR 180 (1) HVACR Customer Relations	
___ AHR 211 (3) Residential Systems Design	
___ AHR 235 (3) Refrigeration Design	Pre-Requisite: AHR 110
___ AHR 263 (2) Energy Management	Pre-Requisite: AHR 125 or AHR 215
___ ELC 125 (2) Diagrams & Schematics	
___ REF 116 (4) Commercial Systems I	Pre-Requisite: AHR 115
___ REF 117 (4) Refrigeration Controls	Pre-Requisite: AHR 110 or AHR 111 or ELC 111
___ REF 123 (4) Electrical Devices	Pre-Requisite: AHR 111 or ELC 111
___ REF 259 (3) Refrigeration Codes	
___ REF 260 (4) Commercial Systems II	Pre-Requisite: AHR 115 or ELC 111
___ REF 270 (6) Refrigeration Servicing	Pre-Requisite: AHR 115 & REF 117
___ REF 275 (4) Refrigeration Diagnostics	Pre-Requisite: REF 270