## Basic HVAC/Refrigeration Service Technician Certificate

Program Start: Summer, Fall, Winter, and Spring Length: 3 Quarters Prerequisites: None Total College Credits: 87

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| High School | College |
| Core Science Credit | Basic Electricity – HAC 102 (5 credits) Electrical Circuits – HAC 105 (4 credits)  Advanced Controls 7 Troubleshooting – HAC 120 (4 credits) Electric Motors & Their Applications – HAC 162 (4 credits) Electric Motors & Troubleshooting – HAC 164 (3 credits) Advanced Motor Theory – HAC 169 (2 credits)  Heating I – HAC 170 (7 credits) Heating I Lab – HAC 175 (5 credits) Heating II – HAC 181 (6 credits) Heating II Lab – HAC 184 (4 credits)  Advanced Refrigeration – HAC 202 (10 credits) Basic Refrigeration I – HAC 237 (7credits) Basic Refrigeration Lab I – HAC 242 (5 credits) Basic Refrigeration II – HAC 246 (6 credits)  Basic Refrigeration II Lab – HAC 255 CAP (3 credits) |
| Core Math Credit | Any 100-Level Math Class (5 credits) |
| Core English Credit | English Composition I – ENGL& 101 (5 credits)  Public Speaking – CMST& 220 (5 credits) |
| Core Social Studies | General Psychology – PSYC& 100DIV (5 credits) Introduction to Sociology – SOC& 101DIV (5 credits)  Psychology of the Workplace – PSY 112DIV (5 credits) |
| CTE Credits/Optional Elective | College Success for All – COLL 102 (3 credits) Refrigeration Controls – HAC 163 (3 credits)  EPA Refrigerant Certification – HAC 230 (1 credit) Job Readiness – HAC 249 (5 credits)  Commercial Refrigeration/Advanced Refrigeration – HAC257CAP (7 credits) |