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# Climate Control Systems Certificate



Engineering/Manufacturing & Industrial Technology

Climate control technology curriculum provides skills required for heating, air conditioning and refrigeration. Training areas include application techniques for basic and advanced air conditioning, heat pumps, fossil fuels, solar energy and refrigeration.

Minimum credits:	35
Minimum cumulative GPA:	2.0
Minimum grade in all courses:	2.0
Minimum JCC credits:	12
MACRAO agreement:	No

### GENERAL EDUCATION REQUIREMENTS – (6 credits)

ENG 232 Technical & Business Writing	.3
MTH 120 Beginning Algebra or higher	.3

### CLIMATE CONTROL SYSTEMS CORE REQUIREMENTS

– (27 credits)

CCT 117 Beginning Sheet Metal	.2
CCT 118 Advanced Sheet Metal	.2
CCT 121 Introduction to HVAC	.3
CCT 123 Application of HVAC Technology	.3
CCT 131 Basic HVAC Electricity/Controls	.2
CCT 135 Refrigeration/Air Conditioning I	.3
CCT 136 Refrigeration/Air Conditioning II	.3
CCT 137 Advanced HVAC Electricity/Controls	.2
CCT 141 Basic Heating	.2
CCT 142 Advanced Heating	.2
CCT 200 Mechanical Code	.2
CCT 201 Refrigeration Certification	.1

### ADDITIONAL REQUIREMENTS

EMS 110 CPR & First Aid or current Adult CPR & First Aid Certification