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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 JCC credits:	.....12
MACRAO agreement:	.....No

### CLIMATE CONTROL SYSTEMS CORE REQUIREMENTS – (35 credits)

AIT 117 Beginning Sheet Metal	.....2
AIT 118 Advanced Sheet Metal	.....2
AIT 121 Introduction to HVAC	.....3
AIT 123 Application of HVAC Technology	.....3
AIT 131 Basic HVAC Electricity/Controls	.....2
AIT 135 Refrigeration/Air Conditioning I	.....3
AIT 136 Refrigeration/Air Conditioning II	.....3
AIT 137 Advanced HVAC Electricity/Controls	.....2
AIT 141 Basic Heating	.....2
AIT 142 Advanced Heating	.....2
AIT 200 Mechanical Code	.....2
AIT 201 Refrigeration Certification	.....1
ENG 232 Technical & Business Writing	.....3
MTH 110 Basic Math	.....3
• or higher level math course	.....3

### ADDITIONAL REQUIREMENTS

EMS 110 CPR & First Aid	.....2
• or current Adult CPR & First Aid Certification	