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CLIMATE CONTROL TECHNOLOGY – CERTIFICATE (CLCS.CERT)



Engineering/Manufacturing & Industrial Technology
Career Pathway

CLIMATE CONTROL TECHNOLOGY – CERTIFICATE (CLCS.CERT)

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:.....	36
Minimum cumulative GPA:.....	2.0
Minimum grade in all courses:.....	2.0
Minimum JCC credits:.....	12
MACRAO Agreement:	No

GENERAL EDUCATION REQUIREMENTS – (9 CREDITS)

Take the following:

- ENG 131 Writing Experience I
- ENG 232 Technical & Business Writing
- MTH 120 Beginning Algebra or higher

CLIMATE CONTROL TECHNOLOGY CORE REQUIREMENTS – (27 CREDITS)

Take the following:

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

ADDITIONAL REQUIREMENTS

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

This suggested course sequence is ONLY for students starting this program in the Fall semester. Because this program is set up for the student to be able to complete in one year, a student would need to begin in the Fall semester to complete all the prerequisites required for the Winter semester courses.