

Commercial & Residential Equipment Technology Certificate

Program/CIP Code: MAPR.TCERTA/MAPR.TCERTB/47.0106

Credits Required: 23/44

Division: TEC

Contact: TEC@kckcc.edu

This program prepares for entry-level positions working on major in-home appliances and commercial restaurant equipment repair. Enrollees get detailed instruction on refrigerators, ranges, dishwashers, washing machines, dryers, wall ovens, microwaves, and kitchen ventilation.

Requirements for admission to the program:

- No requirements for admission to the program.
- Contact program for program-specific advising.

Commercial & Residential Equipment Technology Requirements: Certificate A*

Course		Credit Hours
Certificate A		
MAPR 0100	Electrical Safety & Tools of the Trade	2
MAPR 0108	Basic Electricity	3
MAPR 0210	Cooking Equipment Residential and Commercial	3
MAPR 0220	Dishwashers-Domestic/Professional/Commercial	3
MAPR 0230	Residential Refrigerators and Freezers	3
MAPR 0243	Microwave Ovens-Domestic/Commercial	3
MAPR 0245	Top and Front Load Clothes Washers-Domestic/Commercial	3
MAPR 0247	Gas and Electric Clothes Dryers/Stack Laundry-Domestic/Commercial	3
*See course syllabi for Commercial & Residential Equipment Technology course prerequisites.		

Total Hours for a Commercial & Residential Equipment Technology Certificate A	23
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Commercial & Residential Equipment Technology Requirements: Certificate B*

Course		Credit Hours
MAPR 0112	Fundamentals of Refrigeration	2
MAPR 0140	Brazing/Swaging/Silver and Soft Soldering	3
MAPR 0160	Workplace Skills/Customer Relations/Recordkeeping	2
MAPR 0222	Advanced Refrigeration	4
MAPR 0235	Commercial Refrigeration	3
HVAC 0220	EPA 608	1
Electives (Scheduled by Instructor)		
MAPR 0215	Ventilation Hoods/Make-Up Air Blowers-Domestic/Commercial (3hrs)	6
MAPR 0240	Steam Ovens/Proofers/Deep Fryers-Domestic/Commercial (3hrs)	
MAPR 0284	Special Projects (3hrs)	
MAPR 0290	Internship (3hrs)	
MAPR 0291	Internship II (3hrs)	
*See course syllabi for Commercial & Residential Equipment Technology course prerequisites.		

Total Hours for a Commercial & Residential Equipment Technology Certificate B	44
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