

Certificate**COMMERCIAL REFRIGERATION AND AIR CONDITIONING**

One of the fastest-growing service occupations, the commercial sector of the HVAC/R industry has seen major changes in the past few years as society places a greater emphasis on fuel conservation and environmental concerns. HGTC's Commercial Refrigeration and Air Conditioning Certificate is designed to provide residential technicians with the knowledge and ability to enter the commercial sector, where skilled refrigeration mechanics are in high demand to keep these complex systems running at maximum capacity.

The focus of this program is to train students to service, repair, and troubleshoot commercial refrigeration systems, which include walk-in coolers and freezers, reach-ins, and ice machines. The coursework will also focus on commercial air-conditioning systems rated 5 tons and higher, advanced energy-efficient systems, and advanced control systems.

Federal financial aid does not apply to this program.

PROGRAM INFORMATION**Specific Admission Requirements for Program**

Students entering this certificate program must have completed ACR 210 with a minimum grade of C; have passed the ICE exam with a minimum score of 70, or have a NATE certification.

CURRICULUM SEQUENCE

First Semester	Course Title	Semester Credit Hours
ACR 131	Commercial Refrigeration	4
ACR 201	Troubleshooting and Maintenance	3
ACR 207	Advanced Refrigeration Electricity	3
	TOTAL CREDIT HOURS	10

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