

ACT2: Air Conditioning Technology Diploma (replaces AI02: Air Conditioning Technology in the Quarter System)

The Air Conditioning Technology diploma program is a sequence of courses that prepares students for careers in the air conditioning industry. Learning opportunities develop academic, occupational, and professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes a combination of air conditioning theory and practical application necessary for successful employment.

Career Opportunities

Graduates may find employment as air conditioning technicians.

Credit Required for Graduation: Minimum of 51 credit hours

Curriculum

	Program Course	Credits
	<i>Basic Skills Courses</i>	
_____	EMPL 1000 Interpersonal Relations and Professional Development	2
_____	ENGL 1010 Fundamentals of English I	3
_____	MATH 1012 Foundations of Mathematics	3
	<i>Occupational Courses</i>	
_____	COMP 1000 Introduction to Computers	3
_____	AIRC 1005 Refrigeration Fundamentals	4
_____	AIRC 1010 Refrigeration Principles and Practices	4
_____	AIRC 1020 Refrigeration Systems Components	4
_____	AIRC 1030 HVACR Electrical Fundamentals	4
_____	AIRC 1040 HVACR Electrical Motors	4
_____	AIRC 1050 HVACR Electrical Components and Controls	4
_____	AIRC 1060 Air Conditioning Systems Application and Installation	4
_____	AIRC 1070 Gas Heat	4
_____	AIRC 1080 Heat Pumps and Related Systems	4
_____	AIRC 1090 Troubleshooting Air Conditioning Systems	4