

# Air Conditioning Technology ACT2

## Type

Diploma

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. Program graduates receive an Air Conditioning Technology diploma and have the qualification of an air conditioning technician.

## Program Accreditation

HVAC Excellence

P.O. Box 491 Mount Prospect IL 60056

<http://www.hvacexcellence.org/>

## General Education Courses

Item #	Title	Credits
MATH 1012	Foundations of Mathematics	3
ENGL 1010	Fundamentals of English I	3
EMPL 1000	Interpersonal Relations & Professional Development	2

## Occupational Courses

Item #	Title	Credits
AIRC 1005	Refrigeration Fundamentals	4
AIRC 1010	Refrigeration Principles & 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 & Control	4
AIRC 1060	Air Conditioning Systems Application & Installation	4
AIRC 1070	Gas Heat	4
AIRC 1080	Heat Pumps and Related Systems	4
AIRC 1090	Troubleshooting Air Conditioning Systems	4
	Specific Occupational-Guided Electives (3 credits)	3
	<b>Minimum Credit Hours for Graduation</b>	<b>51</b>