

## General Technology, Air Conditioning & Refrigeration Option - Associate of Applied Science Degree

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The Associate of Applied Science in General Technology allows the blending of a technical certificate with general education courses to form a degree that consists of applied technologies. This program is designed to prepare students for careers in air conditioning and refrigeration. Students will develop and practice skills for servicing, repairing, installing, and sizing air conditioning and refrigeration equipment for residential applications. The Associate of Applied Science Degree requires successful completion of 60 credit hours with a minimum grade point average of 2.0 and a "C" or above in English Composition I, English Composition II, and the math requirement.

General Education Core:	Credit Hours
CS 11033 Computer Applications	3
EN 12003 English Composition I	3
EN 12013 English Composition II	3
MA 14073 Mathematical Applications <b>OR</b> MA 14043 College Algebra	3
SP 22063 Human Relations <b>OR</b>	
SP 12103 Intro. to Speech Communications	<u>3</u>
<b>Total Credit Hours</b>	<b>15</b>

AAS General Technology – AC&R			
Minimum Scores Required			
	Math	English	Reading
ACT	15	15	15
Accuplacer	47A 37E	67	53

Division Requirements:	Credit Hours
CE 11003 Workplace Essentials	<u>3</u>
<b>Total Credit Hours</b>	<b>3</b>

Major Requirements:	Credit Hours
HV 17004 Introduction to Air Conditioning	4
HV 17013 Tubing, Pipe, and Welding	3
HV 17024 HVAC Electricity	4
HV 17033 Electrical Components and Motors	3
HV 17043 Schematics	3
HV 17054 Fundamentals of Gas & Electric Heat	4
HV 17073 Residential Systems	3
HV 17063 Airflow Dynamics	<u>3</u>
<b>Total Credit Hours</b>	<b>27</b>

**\*Approved Electives** **15**

**Total Degree Credit Hours** **60**

*\*Approved electives may be chosen from courses with the following prefixes: AC, BU, CE, CS, CT, EL, ES, HV, IS, ME, MG, MT and WE. Elective credit for appropriate experiential learning will also be considered.*