

**HVAC  
Plan of Study**

Name of Program: **Air Conditioning Technology**      Credential: **GOTS Degree**

Locations: **Somerset/Laurel**      Program Liaison: **Eddie Brown**

STUDENT NAME: \_\_\_\_\_

Student ID Number \_\_\_\_\_

General Education				Credit hours
<input type="checkbox"/>			Math course (MT 105,110,116, 126, 146 or higher)	3
<input type="checkbox"/>			Natural/Applied Science course	3
<input type="checkbox"/>			Behavioral/Social Science course	3
<input type="checkbox"/>			Heritage/Humanities course	3
<input type="checkbox"/>			English 101	3
<input type="checkbox"/>			Computer Literacy/Digital Literacy course OR demonstrated competency	0-3
<input type="checkbox"/>			Transitional Reading	(3)
<input type="checkbox"/>			Technical Courses (Approved by Advisor)	42-48
			<b>Total Credits</b>	<b>60-66</b>

FIRST SEMESTER				Credit hours
<input type="checkbox"/>	ACR	100	Refrigeration Fundamentals	3
<input type="checkbox"/>	ACR	101	Refrigeration Fundamentals Lab	2
<input type="checkbox"/>	ACR	102	HVAC Electricity AND	3
<input type="checkbox"/>	ACR	103	HVAC Electricity Lab OR Comparable Electricity Course*	2
<input type="checkbox"/>	ACR	295	Special Problems III (EPA Certification) (Elective)	3
<input type="checkbox"/>			Transitional Math	(3)
			<b>Total Semester Credits</b>	<b>13</b>

SECOND SEMESTER				Credit hours
<input type="checkbox"/>	ACR	170	Heat Load/Duct Design	3
<input type="checkbox"/>	ACR	250	Cooling and Dehumidification	3
<input type="checkbox"/>	ACR	251	Cooling and Dehumidification Lab	2
<input type="checkbox"/>	ACR	130	Electrical Component	3
<input type="checkbox"/>	ACR	131	Electrical Component Lab	2
<input type="checkbox"/>			Transitional Classes	(3)
			Total Semester Credits	13

THIRD SEMESTER				Credit hours
<input type="checkbox"/>	ACR	260	Heating and Humidification	3
<input type="checkbox"/>	ACR	261	Heating and Humidification Lab	3
<input type="checkbox"/>	ACR	270	Heat Pump Application	3
<input type="checkbox"/>	ACR	271	Heat Pump Application Lab	2
<input type="checkbox"/>	ACR	290	Journeyman Preparation (Elective)	3
<input type="checkbox"/>	ACR	298	Practicum (Elective)	2
<input type="checkbox"/>			Transitional Classes	(3)
			Total Semester Credits	16

**\*Comparable Electricity Courses:**

EET 154 Electrical Construction I AND  
EET 155 Electrical Construction I Lab OR  
ETT 112 Basic Electrical Theory: Telenetworking AND  
ETT 113 Basic Electrical Theory Lab OR  
ENGT 110 Circuits I OR  
IMT 110 Industrial Maintenance Electrical Principles AND  
IMT 111 Industrial Maintenance Electrical Principles

\_\_\_\_\_  
**Student Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Advisor Signature**

\_\_\_\_\_  
**Date**

Somerset Community College  
Updated 2012