

**HEATING, AIR CONDITIONING, AND REFRIGERATION TECHNOLOGY**  
**Associate in Applied Science**  
**Poplarville and Forrest County Center**

**FRESHMAN YEAR**

		<b>SEMESTER HOURS</b>	
		<i>1st Sem.</i>	<i>2nd Sem.</i>
ACT 1124	Basic Compression Refrigeration	4	
ACT 1713	Electricity for Heating, Ventilation, Air Conditioning and Refrigeration	3	
	Technical Elective	3	
ACT 1133	Tools and Piping	3	
ENG 1113	English Composition I	3	
ACT 1313	Refrigeration System Components		3
ACT 1812	Professional Service Procedures		2
ACT 1213	Controls		3
	Technical Elective		3
	Mathematics/Science Elective		3

**SOPHOMORE YEAR**

ACT 2414	Air Conditioning I	4	
ACT 2513	Heating Systems	3	
ACT 2624	Heat Load and Air Properties	4	
	Oral Communication Elective	3	
	Humanities/Fine Arts Elective	3	
ACT 2424	Air Conditioning II		4
ACT 2324	Commercial Refrigeration		4
ACT 2433	Refrigerant, Retrofit and Regulations		3
	Social/Behavioral Science Elective		3
	Technical Elective		3

**TOTAL CREDIT HOURS: 64**

**ACADEMIC ELECTIVES:**

Written Communication: English Composition I (ENG 1113)  
 Mathematics or Science: (MAT 1313 or higher OR any BIO, CHE, or PHY course)  
 Social or Behavioral Science (Any ECO, GEO, PSC, PSY, or SOC course)  
 Fine Arts (ART 1113, MUS 1113, SPT 2233)  
 OR  
 Humanities (Any HIS, MFL, or PHI course OR ENG 2223, 2233, 2323, 2333, 2423, 2433)  
 Oral Communication: SPT 1113, SPT 2163

**TECHNICAL ELECTIVES:**

ACT 291(1-3) Special Project in Heating and AC Technology  
 ACT 292(1-6) Supervised Work Experience in Heating and AC Technology  
 CPT 1113 Fundamentals of Microcomputer Applications  
 DDT 1114 Fundamentals of Drafting  
 ELT 1213 Electrical Power  
 ELT 1223 Motor Maintenance and Troubleshooting