

**HEATING, AIR CONDITIONING, AND REFRIGERATION TECHNOLOGY**  
**Certificate of Proficiency**  
**Poplarville**

**FRESHMAN YEAR**

**SEMESTER HOURS**

*1st Sem. 2nd Sem.*

ACT 1124	Basic Compression Refrigeration	4	
ACT 1713	Electricity for Heating, Ventilation, Air Conditioning and Refrigeration	3	
ACT 1133	Tools and Piping	3	
	Technical Elective	3	
ACT 1313	Refrigeration System Components		3
ACT 1812	Professional Service Procedures		2
ACT 1213	Controls		3
	Technical Electives		6

**SOPHOMORE YEAR**

ACT 2414	Air Conditioning I	4	
ACT 2513	Heating Systems	3	
ACT 2624	Heat Load and Air Properties	4	
ELT 1223	Motor Maintenance	3	
ACT 2424	Air Conditioning II		4
ACT 2324	Commercial Refrigeration		4
ACT 2433	Refrigerant, Retrofit and Regulations		3
ACT 2913	Special Project in Heating and AC Technology		3

**TOTAL CREDIT HOURS: 55**

**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
ELT 1192	Fundamentals of Electricity
ELT 1213	Electrical Power