

**HEATING AND AIR CONDITIONING TECHNOLOGY
CURRICULUM**

FIRST YEAR

First Semester			Hours
ELT	1193	Fundamentals of Electricity/Electronics	3
ACT	1003	Introduction to Heating and Air Conditioning Technology	3
ACT	1123	Basic Compression Refrigeration	3
ACT	1713	Electricity for Heating/Ventilation, A/C and Refrigeration	3
ENG	1113	English Composition I	3
Total Hours			15
Second Semester			
ACT	1313	Refrigeration System Components	3
ACT	1133	Brazing and Piping.....	3
ACT	1213	Controls.....	3
ELT	1113	Residential/Light Commercial Wiring.....	3
MAT	1313	College Algebra or higher or Natural Science with Lab.....	3/4
Total Hours			15/16

SECOND YEAR

First Semester			
ACT	2413	Heating, Ventilation, Air Conditioning and Refrigeration I	3
ACT	2513	Heating Systems	3
ACT	2623	Heat Load and Air Properties	3
ELT	1123	Commercial Industrial Wiring	3
SPT	1113	Public Speaking I or	
SPT	2173	Interpersonal Communication.....	3
Total Hours			15
Second Semester			
ACT	2423	Heating, Ventilation and Air Conditioning and Refrigeration II	3
ACT	2323	Commercial Refrigeration	3
ACT	2433	Refrigerant, Retrofit and Regulations	3
Humanities/Fine Arts Elective			3
Social/Behavioral Science			3
Total Hours			15
Total Semester Hours.....			60/61

NOTE: Computer competency requirements must be met.