

HEATING AND AIR CONDITIONING TECHNOLOGY

Freshman Year

1st Semester	Sem. Hrs	2nd Semester	Sem. Hrs.
ACT 1125 Basic Compression Ref.	5	ACT 1213 Controls	3
ACT 1133 Tools and Piping	3	ACT 1313 Refrigeration System Comp.	3
ACT 1713 Electricity for HVAC	3	ACT 1813 Professional Service Proc.	3
IMM 1132 Ind. Maint. Blueprint Reading	2	*SPT 1113 Public Speaking I	3
*ENG 1113 English Composition I	<u>3</u>	Approved Computer Elective	3
	16	*Approved Math/Science with Lab Elective	<u>3/4</u>
			18/19

Sophomore Year

1st Semester	Sem. Hrs.	2nd Semester	Sem. Hrs.
ACT 2414 Air Conditioning I	4	ACT 2424 Air Conditioning II	4
ACT 2513 Heating Systems	3	ACT 2324 Commercial Refrigeration	4
ACT 2625 Heat Load & Air Properties	5	ACT 2433 Refrigerant, Retrofit & Reg.	3
*Approved Humanities/Fine Arts Elective	<u>3</u>	Approved Heating & Air Cond. Elective	3
	15	*Approved Social/Behavioral Science Elective	<u>3</u>
			17

Completion Award: Career Certificate (2 semesters)
 Technical Certificate (4 semesters)
 Associate in Applied Science (4 semesters)
**Additional required courses*

Heating & Air Conditioning Technical Electives:

ACT 2913 Special Project in HVAC
 ACT 2923 Supervised Work Experience
 WBL 2913 Work-Based Learning

Computer Electives:

BOT 1133 Microcomputer Applications
 CSC 1113 Introduction to Computers
 CSC 1123 Microcomputer Applications
 EET 1613 Computer Fundamentals
 IST 1113 Fund. of Info. Technology

*Students who lack entry level skills in math, English, science, etc. will be provided related studies.

*Total hours required for completion of this program may be reduced through statewide local articulation agreements with high schools and career technical centers.