



ENGINEERING TECHNOLOGY ONE-YEAR CERTIFICATE PROGRAM

HVAC TECHNOLOGY PROGRAM ONE-YEAR TECHNICAL CERTIFICATE

TECHNICAL Course Number	Course Title	Credits	Completed Sem./Year
HVC121	HVAC Principles I	3	
HVC122	HVAC Principles II	3	
HVC234	HVAC Electrical Systems & Applications	3	
HVC223	HVAC System Operation and Troubleshooting - Heating	3	
HVC224	HVAC System Operation and Troubleshooting - Cooling	3	
HVC227	HVAC Field Installation Techniques and Procedures	4	
HVC123	Sheet Metal Layout I	3	
TOTAL		22	
BASIC/RELATED Course Number	Course Title	Credits	Completed Sem./Year
CET121	Building Materials and Construction	3	
ECA122	Computer Applications for Technical Professionals	3	
MTH101	Introduction to Algebra	4	
TOTAL		10	
TOTAL CREDIT HOURS		32	

HVAC ONE-YEAR TECHNICAL CERTIFICATE

<u>Semester I</u>		<u>Credit Hours</u>	<u>Prerequisite</u>
HVC121	HVAC Principles I	3	-
HVC123	Sheet Metal Layout I	3	-
ECA122	Computer Applications for Technical Professionals	3	-
MTH101	Introduction to Algebra	<u>4</u>	Test
		13	
<u>Semester II</u>			
HVC122	HVAC Principles II	3	Co-HVC121
HVC227	HVAC Field Installation Techniques/Procedures	4	Co-HVC122
HVC234	HVAC Electrical Systems & Applications	3	MTH101 or MTH103 or Test, Co-HVC121
HVC223	HVAC System Operation/Troubleshooting-Heating	<u>3</u>	HVC122
		13	
<u>Semester III</u>			
CET121	Building Materials and Construction	3	-
HVC224	HVAC System Operation/Troubleshooting-Cooling	<u>3</u>	HVC122
		6	
TOTAL CREDITS		32	