

PIEDMONT TECHNICAL COLLEGE
ASSOCIATE IN APPLIED SCIENCE
MAJOR IN HEATING, VENTILATION, AND AIR CONDITIONING TECHNOLOGY

Day Program – 5 terms

FIRST SEMESTER		CLASS	LAB	CREDIT
ACR 101	Fundamentals of Refrigeration	4.0	3.0	5.0
ACR 105	Tools and Service Techniques I	0.0	3.0	1.0
ACR 106	Basic Electricity for HVAC/R	3.0	3.0	4.0
CPT 101	Introduction to Computers	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
		10.0	9.0	13.0
 SECOND SEMESTER				
ACR 109	Tools and Service Techniques II	1.0	3.0	2.0
ACR 131	Commercial Refrigeration	3.0	3.0	4.0
ACR 140	Automatic Controls	2.0	3.0	3.0
MAT 170	Algebra, Geometry, & Trig. I	3.0	0.0	3.0
ENG 165	Professional Communications	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
		12.0	9.0	15.0
 SUMMER TERM				
ACR 130	Domestic Refrigeration	3.0	3.0	4.0
ACR 122	Principles of Air Conditioning	4.0	3.0	5.0
ACR 150	Basic Sheet Metal	<u>1.0</u>	<u>3.0</u>	<u>2.0</u>
		8.0	9.0	11.0
 THIRD SEMESTER				
ACR 110	Heating Fundamentals	3.0	3.0	4.0
ACR 210	Heat Pumps	3.0	3.0	4.0
ACR 224	Codes and Ordinances	2.0	0.0	2.0
Elective	Humanities/Fine Arts	3.0	0.0	3.0
Elective	Behavioral/Social Science	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
		14.0	6.0	16.0
 FOURTH SEMESTER				
ACR 220	Advanced Air Conditioning	3.0	3.0	4.0
ACR 223	Testing and Balancing	2.0	3.0	3.0
ACR 231	Advanced Refrigeration	3.0	3.0	4.0
EEM 251	Programmable Controllers	2.0	3.0	3.0
MAT 171	Algebra, Geometry and Trig. II	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
		13.0	12.0	17.0
 TOTAL CREDIT HOURS		57.0	45.0	72.0

PIEDMONT TECHNICAL COLLEGE
ASSOCIATE IN APPLIED SCIENCE
MAJOR IN HEATING, VENTILATION, AND AIR CONDITIONING TECHNOLOGY

Evening Program – 6 terms

		CLASS	LAB	CREDIT
FIRST SEMESTER				
ACR 101	Fundamentals of Refrigeration	4.0	3.0	5.0
ACR 105	Tools and Service Techniques I	0.0	3.0	1.0
ACR 106	Basic Electricity for HVAC/R	3.0	3.0	4.0
CPT 101	Introduction to Computers	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
		10.0	9.0	13.0
SECOND SEMESTER				
ACR 109	Tools and Service Techniques II	1.0	3.0	2.0
ACR 131	Commercial Refrigeration	3.0	3.0	4.0
ACR 140	Automatic Controls	2.0	3.0	3.0
ENG 165	Professional Communications	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
		9.0	9.0	12.0
SUMMER TERM				
ACR 122	Principles of Air Conditioning	4.0	3.0	5.0
ACR 150	Basic Sheet Metal	1.0	3.0	2.0
Elective	Behavioral/Social Science	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
		8.0	6.0	10.0
THIRD SEMESTER				
ACR 110	Heating Fundamentals	3.0	3.0	4.0
ACR 210	Heat Pumps	3.0	3.0	4.0
ACR 224	Codes and Ordinances	2.0	0.0	2.0
EEM 251	Programmable Controllers	2.0	3.0	3.0
MAT 170	Algebra, Geometry, & Trig. I	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
		13.0	9.0	16.0
FOURTH SEMESTER				
ACR 223	Testing and Balancing	2.0	3.0	3.0
ACR 220	Advanced Air Conditioning	3.0	3.0	4.0
ACR 231	Advanced Refrigeration	3.0	3.0	4.0
MAT 171	Algebra, Geometry, and Trigonometry II	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
		11.0	9.0	14.0
SUMMER TERM				
ACR 130	Domestic Refrigeration	3.0	3.0	4.0
Elective	Humanities/Fine Arts	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
		6.0	3.0	7.0
TOTAL CREDIT HOURS		57.0	45.0	72.0