

**PIEDMONT TECHNICAL COLLEGE
REFRIGERATION APPLICATIONS CERTIFICATE**

Day or Evening Program – 4 terms

FIRST SEMESTER		CLASS	LAB	CREDITS
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	<u>3.0</u>	<u>3.0</u>	<u>4.0</u>
		7.0	9.0	10.0
 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	<u>2.0</u>	<u>3.0</u>	<u>3.0</u>
		6.0	9.0	9.0
 SUMMER TERM				
ACR 122	Principles of Air Conditioning	4.0	3.0	5.0
ACR 130	Domestic Refrigeration	3.0	3.0	4.0
ACR 150	Basic Sheet Metal	<u>1.0</u>	<u>3.0</u>	<u>2.0</u>
		8.0	9.0	11.0
 FOURTH TERM				
ACR 231	Advanced Refrigeration	<u>3.0</u>	<u>3.0</u>	<u>4.0</u>
		3.0	3.0	4.0
 TOTAL CREDIT HOURS		24.0	30.0	34.0