

2009-10 Catalog

Associate of Applied Science in Air Conditioning and Refrigeration Degree Plan

Student Name: _____

Student ID: _____

If transfer course, write in course title, dept. and number next to PTC course name.

General Education (15 credit hours)			SEMESTER	CREDITS AT PTC	HOURS EARNED BY TRANSFER	TRANSFER COLLEGE	NEEDED FOR GRADUATION
ENGLISH COMPOSITION – 6 credit hours							
ENGL	1311	English Composition I					
ENGL	1312	English Composition II					
ENGL	1312	English Composition II (Thematic) Choose One					
MATHEMATICS – 3 credit hours							
MATH	1203	Technical Mathematics II					
COMMUNICATIONS – 3 credit hours							
COM	1203	Technical Communication					
SOCIAL SCIENCES ELECTIVE – 3 credit hours							
HIST	2311	U. S. History to 1877					
HIST	2312	U. S. History Since 1877					
POLS	1310	American National Government					
POLS	2320	American State and Local Government					
HIST	1311	History of Civilization I					
HIST	1312	History of Civilization II					
HIST	2355	History of Arkansas					
PSYC	2300	Psychology and the Human Experience					
PSYC	2320	Developmental Psychology					
SOCI	2300	Introduction to Sociology					
GEOG	1310	Physical Geography					
GEOG	2310	Cultural Geography					
ANTH	1310	Physical Anthropology					
ANTH	2310	Cultural Anthropology					
ECON	2322	Principles of Economics I - Microeconomics					
ECON	2323	Principles of Economics II - Macroeconomics					
Total Transfer Hours Awarded in General Education							
Total General Education Hours							

Air Conditioning and Refrigeration (43 credit hours)			SEMESTER	CREDITS AT PTC	HOURS EARNED BY TRANSFER	TRANSFER COLLEGE	NEEDED FOR GRADUATION
ACR	1104	Principles of Refrigeration and Air Conditioning					
ACR	1202	Tubing and Piping					
ACR	1302	Introduction to Sheet Metal					
ACR	1402	Codes and Ordinances					
ACR	1404	Basic Heating					
ACR	1441	Honor Intern					
ACR	1503	Manual J, Residential Load Calculations					
ACR	1603	Manual D, Residential Duct Design					
ACR	1701	HVAC Intern					
ACR	2104	Residential HVAC					
CIS	1103	Computer Concepts					
ELT	1114	Basic Electrical Circuits					
RELATED ACR/TECH APPROVED ELECTIVES* (Select 20 credit hours)							
Total Transfer Hours Awarded in AC & Refrigeration							
Total AC & Refrigeration Hours							
Total Transfer Hours Awarded							
Total Hours Awarded							
Transfer Colleges:							

***Approved Electives**

	Hours
ACR 2103 Boiler Operations	3
ACR 2204 Commercial Refrigeration	4
ACR 2303 Business Management for the HVACR Contractor	3
ACR 2403 System Design	3
ACR 2404 Commercial HVAC	4
ACR 2504 Advanced Troubleshooting	4
ACR 2604 Advanced Controls	4
ACR 2703 Light Commercial Load Calculations/Manual N	3
DFT 1205 Introduction to Computer Aided Drafting	5
DFT 2605 HVAC, Plumbing, and Electrical CAD Drafting	5
ELT 1214 Circuit Analysis I	4
TECH 2101 Work-based Instruction (Capstone)	14