

FINAL VERSION - EFFECTIVE FALL 2016

**CERTIFICATE: AIR CONDITIONING APPLIED TECHNOLOGY
(Suggested Occupational Plan)**

		Lec.	Lab	Sem. Hrs.	Clock Hours
FIRST SEMESTER					
HART 1401.	Basic Electricity for HVAC	3	2	4	80
HART 1407.	Refrigeration Principles.....	3	2	4	80
MAIR 1449.	Refrigerators, Freezers, and Window Air Conditioners.....	3	2	4	80
SECOND SEMESTER					
HART 1403.	A/C Control Principles	3	2	4	80
HART 1441.	Residential Air Conditioning	3	2	4	80
HART 1445.	Gas and Electric Heating.....	3	2	4	80
TECM 1301.	Industrial Mathematics	3	0	3	48
THIRD SEMESTER					
MAIR 1341.	Domestic Cooking Equipment.....	2	3	3	80
HART 2338.	Air Conditioning Installation and Startup (Capstone).....	2	3	3	80
MAIR 1345.	Dryers, Washers and Dishwashers.....	2	3	3	80
COMG 1391.	Special Topics in Communications, General.....	3	0	3	48
Total Semester Hours for Certificate				39	

VERSION MARKED WITH IDENTIFIED REVISIONS FOR REFERENCE

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General.....	3	0	3	48
TECM 1301, Industrial Mathematics	3	0	3	48
Total Semester Hours for Certificate		36	39	