

Institution: Vernon College
CIP:15.0501

CURRICULUM
HEATING, AIR CONDITIONING, and REFRIGERATION
TECHNOLOGY/TECHNICIAN

ASSOCIATE DEGREE 2005-2006	LEC. HRS	LAB HRS	CONTACT HRS	CR. HRS
SEMESTER 1				
HART 1401 Basic electricity for HVAC	3	2	80	4
HART 1403 Air conditioning control principles	3	2	80	4
HART 1407 Refrigeration principles	3	2	80	4
HART 1441 Residential air conditioning	3	2	80	4
 SEMESTER 2				
HART 1445 Gas and electric heat	3	2	80	4
HART 2434 Advanced ac controls	3	2	80	4
HART 2441 Commercial air conditioning	3	2	80	4
HART 2449 Heat pumps	3	2	80	4
 SEMESTER 3				
HART 2368 Practicum optional	0	21	336	3
HART 2436 Air conditioning troubleshooting	3	2	80	4
COSC 1301 Microcomputer applications	2	2	64	4
TOTAL	30	41	800	38-39
 SEMESTER 4				
ENGL 1301 Composition I	3	0	48	3
GOVT 2301 or 2301 American government	3	0	48	3
MATH 1314 or 1332 College algebra or mathematics	3	0	48	3
SPCH 1315 Public speaking	3	0	48	3
 SEMESTER 5				
Humanities or fine arts elective				10-11 hrs
To be selected by student electives				
TOTAL	42	41	992	60-62