



Columbus State Community College

PLAN OF STUDY

Name _____
 Student # _____
 Date Entered _____
 Advisor _____

CAREER AND TECHNICAL PROGRAMS
 Effective Autumn Quarter 2009

HEATING, VENTILATING & AIR CONDITIONING

FIRST QUARTER			SECOND QUARTER			THIRD QUARTER		
	CR	GR		CR	GR		CR	GR
ARCH 110 Construction Drafting - Manual I	T	2	HAC 116 Piping Systems	T	3	ENGL 102 Essay & Research	G	3
ARCH 112 Construction Drafting-CAD I	T	2	HAC 141 Principles of Refrigeration	T	4	HAC 231 Load Calculations II	T	4
CIT 101 PC Applications I	B	3	HAC 183 HAC Wiring Circuits I	T	4	HAC 243 Air Conditioning Systems	T	4
ENGL 101 Beginning Composition	G	3	HAC 222 Load Calculations I	T	4	HAC 284 HAC Wiring II	T	4
HAC 152 Instrumentation/Combustion Process	T	4	MATH 104 Intermediate Algebra	B	5	MATH 148 College Algebra	B	5
HAC 161 Hand Tools Laboratory	T	4						
TOTAL		18	TOTAL		20	TOTAL		20
FOURTH QUARTER			FIFTH QUARTER			SIXTH QUARTER		
	CR	GR		CR	GR		CR	GR
BMGT 231 Entrepreneurship I	B	4	BMGT 232 Entrepreneurship II	B	4	HAC 244 Heat Pump Systems	T	4
COMM200 Business Communication	G	3	COMM 105 Speech	G	3	HAC 266 Advanced Problems	T	4
HAC 242 Mechanical Standards/Safety	T	3	HAC 256 Automatic Controls II	T	3	HUM xxx Humanities 111, 112, 113, 151, 152 or 224	G	5
HAC 253 Automatic Controls I	T	3	HAC xxx Technical Elective	T	4	SSCI 10x 101, 102, 103, or 104	G	5
HAC 254 Heating Systems	T	4						
TOTAL		17	TOTAL		14	TOTAL		18
TECHNICAL ELECTIVES			GRADUATION REQUIREMENTS			Advisor: Department DE 259287-5318 Andrew Rezin287-5303		
	CR	GR	G = General Education B = Basic Education T = Technical Education Total General Education 22 hours Total Basic Education 21 hours Total Non-Technical 43 hours Total Technical Education 64 hours TOTAL CREDITS 107 hours					
HAC 291 Field Experience	T	4						
HAC 258 Pneumatic Controls	T	4						
HAC 285 HAC Electronic Controls I	T	4						
HAC 287 Boiler Systems	T	5						
HAC 288 Commercial A/C Systems	T	4						
HAC 299 Special Topics in HAC*	T	1-5						
*Please see an advisor before scheduling this course.								