COLUMBUS STATE COMMUNITY COLLEGE

Columbus State Community College

Plan of Study

HVAC

Heating, Ventilating, & Air Conditioning AAS

BUSINESS AND ENGINEERING TECHNOLOGIES DIVISION
Effective Autumn Semester 2017

Name _____
Student #_____
Date Entered_____
Advisor_____

FIRST SEMESTER		G/T/B	CR	
HVAC 1140	Principles of Refrigeration	T	3	
HVAC 1160	Hand Tools/ Safety	T	3	
HVAC 1180	Wiring Circuits 1	T	2	
ENGL 1100	Composition I	G	3	
ARCH 1100	Visual Communications I	B	1	
COLS 1100	First Year Experience Seminar	B	1	
CSCI 1101	Computer Concepts and Applications	B	3	
	TOTAL		**16**	

SECOND SEMESTER		G/T/B	CR	
HVAC 1120	Load Calculations 1	T	3	
HVAC 1150	Instrumentation/Combustion Process	T	3	
HVAC 1280	Wiring Circuits 2	T	3	
SBS XXXX	Select from list	G	3	
MATH 1101	Math for Applied Tech & Construction Sciences	G	3	
ESSH 1160	OSHA 10-Hour Construction Safety & Health	B	1	
	TOTAL		**16**	

THIRD SEMESTER		G/T/B	CR	
HVAC 2150	Heating Systems	T	3	
HVAC 2160	Automatic Controls	T	3	
HVAC 2220	Load Calculations 2	T	2	
HUM XXXX	Select from list	G	3	
BMGT 2231	Fundamentals of Entrepreneurship	B	3	
COMM 2200	Business Communications	B	3	
	TOTAL		**17**	

FOURTH SEMESTER		G/T/B	CR	
HVAC 2140	A/C & H.P.	T	4	
HVAC 2193	Advanced Problems in HVAC	T	3	
HVAC XXXX	Technical Elective	T	3	
BMGT 2232	Entrepreneurship Business Plan Development	B	3	
NAT XXXX	Select from list	G	3	
	TOTAL		**16**	

TECHNICAL ELECTIVES			CR	
HVAC 2094	Special Topics in HVAC		1-5	
HVAC 2110	Piping Systems		2	
HVAC 2170	Commercial A/C Systems		3	
HVAC 2180	Advanced Controls		5	
HVAC 2190	Boiler Systems		4	
HVAC 2950	Field Experience		3	

GRADUATION REQUIREMENTS

G = General Education
B = Basic Education
T = Technical Education

Total General Ed.	15
Total Basic	15
Total Non-Technical	30
Total Tech. Ed.	35
TOTAL CREDITS	65

GE-ARTS/HUMANITIES		CR	
ARCH 2100	History of Architecture	3	
HART 1201	History of Art I	3	
HART 1202	History of Art II	3	
HIST 1111	European History to 1648	3	
HIST 1112	European History since 1648	3	
HIST 1151	American History to 1877	3	
HIST 1152	American History since 1877	3	
HIST 1181	World Civilization I: Non-Western/Non-American to 1500	3	
HIST 1182	World Civilization II: Non-Western/Non-American Since 1500	3	
HIST 2223	African American History I: 1451-1876	3	
HIST 2224	African American History II: 1877-Present	3	
HUM 1100	Introduction to Humanities	3	
HUM 1270	Comparative Religions	3	
MUS 1251	Survey of Music	3	
PHIL 1101	Introduction to Philosophy	3	
PHIL 1130	Ethics	3	

GE-NATURAL/PHYSICAL SCIENCES		CR	
ASTR 1141	Life in the Universe	3	
BIO 1127	Environmental Sciencne I	4	
CHEM 1100	Chemistry and Society	5	
GEOL 1121	Physical Geology	4	
GEOL 1151	Natural Disasters	3	
PHYS 1103	World of Energy	3	

GE-SOCIAL/BEHAVIORAL SCIENCE		CR	
ANTH 2202	Introduction to Cultural Anthropology	3	
GEOG 2400	Economic and Social Geography	3	
SOC 1101	Introduction to Sociology	3	