



Columbus State Community College

PLAN OF STUDY

Name _____
 Student # _____
 Date Entered _____
 Advisor _____

CAREER AND TECHNICAL PROGRAMS
 Effective Autumn Quarter 2009

MECHANICAL ENGINEERING TECHNOLOGY

FIRST QUARTER				SECOND QUARTER				THIRD QUARTER				
		CR	GR			CR	GR			CR	GR	
ENGT 100	Intro to Engineering Technology	B	4	MECH 243	Robotics	T	4	MECH 253	Computer Numerical Control	T	4	
MECH 115	Engineering Graphics	T	4	MECH 145	2D CAD	T	4	MECH 175	3D CAD	T	4	
MECH 240	Machine Tools	T	4	MECH 150	Manufacturing Materials & Processes	T	4	MATH 112	Technical Math II	B	4	
MECH 112	Computer Application in Mfg.	T	3	MATH 111	Technical Math I	B	4	PHYS 117	College Physics	B	5	
ENGL 101	Beginning Composition	G	3									
TOTAL		18		TOTAL		16		TOTAL		17		
FOURTH QUARTER				FIFTH QUARTER				SIXTH QUARTER				
		CR	GR			CR	GR			CR	GR	
MECH 130	Statics	T	4	MECH 260	Basic Mechanisms	T	4	MECH 270	Engineering Statistics	T	4	
MECH 215	Parametric CAD	T	4	MECH 242	Strength of Materials	T	4	MECH 261	Machine Design	T	4	
COMM 105	Speech <i>or</i>	G	3	COMM 204	Technical Writing	G	3	ENGL 102	Essay and Research	G	3	
COMM 110	Conference and Group Discussion	G	3	Choose one of the following Basic Electives					SSCI xxx	Social Sciences 101, 101, 102, 104 or 105	G	5
HUM xxx	Humanities 111, 112, 113, 151, 152 or 224	G	5	ENGT 131	Hydraulics & Pneumatics	B	4					
				EMEC 250	Motors and Controls	B	4					
				ENVR 170	General Industry Safety and Health	B	4					
				APPL 107	Introduction to Welding	B	4					
				PHYS 118	College Phys (Electricity, Magnetism and Light)	B	5					
TOTAL		16		TOTAL		15-16		TOTAL		16		
GRADUATION REQUIREMENTS												
<p>G = General Education B = Basic Education T = Technical Education</p> <p style="text-align: right;"> Total General Education 22 hours Total Basic Education <u>21-22 hours</u> Total Non-Technical 43-44 hours Total Technical Education <u>55 hours</u> TOTAL CREDITS 98-99 hours </p>												