



UNIVERSITY OF THE DISTRICT OF COLUMBIA
SCHOOL OF ENGINEERING AND APPLIED SCIENCES
DEPARTMENT OF MECHANICAL ENGINEERING
MECHANICAL ENGINEERING PROGRAM

Effective Fall 2014

STUDENT _____

Student ID # _____

First Semester				Second Semester			
Course #	Course Name	Credits	Grade	Course #	Course Name	Credits	Grade
IGED-110	Found Writ Arts & Hum	3		IGED-111	Found Writ Soc. & Nat Sc.	3	
IGED-130	Found Oral Comm.	3		IGED-140	Found Ethics & Values	3	
CHEM-111	General Chemistry I Lec	3		MATH-152	Calculus II Lec	3	
CHEM-113	General Chemistry I Lab	1		MATH-156	Calculus II Lab	1	
MATH-151	Calculus I Lec	3		PHYS-201	University Physics I Lec	3	
MATH-155	Calculus I Lab	1		PHYS-205	University Physics I Lab	1	
CCEN-101	Intro to Engineering	2		MECH-105	Comp Aid Grap. Lec + Lab	3	
Total		16		Total		17	
Third Semester				Fourth Semester			
Course #	Course Name	Credits	Grade	Course #	Course Name	Credits	Grade
PHYS-202	University Physics II Lec	3		MATH-254	Differential Eq. (or 260)	3	
PHYS-206	University Physics II Lab	1		CVEN-202	Engineering Mechanics II	3	
CVEN-201	Engineering Mechanics I	3		CVEN-206	Mechanics of Solids Lec	3	
MECH-205	Materials Science	3		CVEN-207	Mechanics of Solids Lab	1	
CSCI-135	Scienf. Prog (Lec & Lab)	3		MECH-208	Thermodynamics	3	
ELEC-221	Electric Circuits I Lec	3		MECH -222	Engr. Measurements Lec	3	
ELEC-223	Electric Circuits I Lab	1		MECH -224	Engr. Measurements Lab	1	
Total		17		Total		17	
Fifth Semester				Sixth Semester			
Course #	Course Name	Credits	Grade	Course #	Course Name	Credits	Grade
IGED-210	Discov Expos Writing	3		IGED-270	Discov Loc/Glob Cul	3	
CVEN-308	Appl. Num Analysis	3		MATH-253	Calculus III Lec	3	
MECH-381	Microcontrollers in ME	3		MATH-255	Calculus III Lab	1	
MECH-321	Fluid Mechanics Lec	3		MECH-351	Heat Transfer Lec	3	
MECH-322	Thermo/Fluid Lab	1		MECH-361	Machine Design	3	
MECH-341	Anal & Synth of Mechsm	3		MECH-371	Design of Control Sys Lec	3	
Total		16		Total		17	
Seventh Semester				Eighth Semester			
Course #	Course Name	Credits	Grade	Course #	Course Name	Credits	Grade
IGED-280	Discov Civ/Ser/Team	3		MECH-462	Design of Energy Systems	3	
MECH-406	Engineering Economics	3		MECH-492	Capstone Sr. Design Pr. II*	3	
MATH-381	Probability & Statistics	3		MECH-xxx	* ME Technical Elective	3	
CVEN-481	FE Preparation	1		MECH-xxx	** ME Technical Elective	3	
MECH-491	Capstone Sr. Design Proj I*	3					
MECH-xxx	** ME Technical Elective	3					
Total		16		Total		12	
GRAND TOTAL CREDITS						128	

Advisor _____ Date _____ Department Chair _____ Date _____

1. *Contains intensive writing component
2. **ME Technical Electives (Most Current): 3511-356, 3511-455, 3511-456, 3511-357, 3511-458, 3511-462, 3511-470, 3511-475, 3511-476, 3511-483, 3511-484, 3511-461, 3511-478, 3511-473, 3511-487, 3511-488
3. A completed copy of this form must accompany each student's Graduation Clearance Form