Bachelor of Science in Mechanical Engineering NAME:_____
2010-2011 Old Dominion University Catalog UIN:_____
Entrance Writing Sample Placement Test:_____ TELEPHONE:_____

Freshman First Semester (16 Credit Hours)			
MATH 211	Calculus I	4	
CHEM 121N/122N	Foundations of Chemistry I (Lecture&Lab)	4	
ENGL 110C	English Composition	3	
ENGN 110	Explore Engr & Tech I	2	
Gen Ed: Human Creativity Way of Knowing		3	
Freshman Second Semester (17 Credit Hours)			
MATH 212	Calculus II	4	
CHEM 123N	Foundations of Chemistry II (Lecture)	3	
PHYS 231N	University Physics	4	
CS 150	Introduction to Programming	4	
ENGN 111	Explore Engr & Tech II	2	
Sophomore First Semester (18 Credit Hours)			
PHYS 232N	University Physics II	4	
MATH 312 (MATH 285)	Calculus III	4	
ME 204	Engineering Mechanics I Statics	3	
ME 201	Materials Science	3	
ME 203	ME Lab I-Materials	1	
MET 120	Computer Aided Drafting	3	
Sophomore Second Semester (16 Credit Hours)			
ME 205	Dynamics	3	
ME 220	Engr Mechs II-Solid Mechs	3	
ME 225	ME Lab II-Solid Mechanics	1	
MATH 307 (MATH 280)	Differential Equations	3	
ENGL 231C	Tech/Scientific Writing	3	
Gen Ed: Interpreting the Past Way of Knowing		3	
Junior First Semester (13 Credit Hours)			
ME 311	Thermodynamics I	3	
ME 303	Mechanics of Fluids	3	
ME 305	ME Lab III-Thermo/Fluids	1	
ME 340	Computational Methods in ME	3	
Gen Ed: Literature Way of Knowing		3	
Junior Second Semester (16 Credit Hours)			
ME 312	Thermodynamics II	3	
ME 332	Mechanical Engineering Design I	3	
ME 315	Heat and Mass Transfer	3	
ENGN 401	FE Review	1	
Gen Ed: Human Behavior Way of Knowing		3	
Gen Ed: Philosophy and Ethics Way of Knowing (ENMA 480 preferred)		3	
Senior First Semester (18 Credit Hours)			
ME 434W	Project Design and Management I	3	
ME 433	Mechanical Engineering Design II	3	
ME 436	Dynamic Systems & Control	3	
ME	Option	3	
ME	Options	3	
Gen Ed	Upper Division Course	3	
Senior Second Semester (12 Credit Hours)			
ME 435W	Project Design and Management II	3	
ME	Option	3	
ME	Options	3	
Gen Ed	Upper Division Course	3	
Total Credits		**126**	

Additional Graduation Requirements:

Foreign Language Requirement:_____Senior Assessment:____Application for Graduation:____Passage of Exit Writing Exam ___

The General Education requirements in Information Literacy and Research, Oral Communication & Impact of Technology met through the major. This curriculum does not include the University's foreign language general education requirement. Students may need additional hours to meet this perspective.