

Bachelor of Science in Mechanical Engineering Technology

2009-2010 Old Dominion University Catalog

NAME: _____

UIN: _____

TELEPHONE: _____

Entrance Writing Sample Placement Test: _____

Course Number	Course Title	Credits	Transfer
<u>Freshman First Semester</u> (15 Credit Hours)			
MET 120	Computer Aided Drafting	_____ 3	_____
ENGN 110	Explore Engineering & Technology I	_____ 2	_____
MATH 162M	Precalculus I	_____ 3	_____
CHEM 115N	Foundations of Chemistry	_____ 4	_____
Gen Ed	Social Science Perspective (S)	_____ 3	_____
<u>Freshman Second Semester</u> (15 Credit Hours)			
MET 240	Computer Solid Modeling	_____ 3	_____
ENGN 111	Explore Engineering & Technology II	_____ 2	_____
MATH 163	Precalculus II	_____ 3	_____
PHYS 111N	General Physics I	_____ 4	_____
ENGL 110C	English Composition	_____ 3	_____
<u>Sophomore First Semester</u> (17 Credit Hours)			
MET 200	Manufacturing Processes	_____ 3	_____
ENGL 111C	English Composition	_____ 3	_____
CET 200	Statics	_____ 3	_____
MATH 211	Calculus I	_____ 4	_____
PHYS 112N	General Physics II	_____ 4	_____
<u>Sophomore Second Semester</u> (15 Credit Hours)			
CET 220	Strength of Materials	_____ 3	_____
OTS 221 or 231	Industrial Materials	_____ 3	_____
Approved Elective		_____ 3	_____
Gen Ed	Literature Perspective (L)	_____ 3	_____
COMM 101R	Public Speaking	_____ 3	_____
<u>Junior First Semester</u> (17 Credit Hours)			
MET 300	Thermodynamics	_____ 3	_____
MET 310	Dynamics	_____ 3	_____
MET 320	Design of Machine Elements	_____ 3	_____
CET 345	Materials Testing Laboratory	_____ 1	_____
EET 305	Adv. Technical Analysis	_____ 3	_____
EET 350	Fundamentals of Electrical Technology	_____ 3	_____
EET 355	Electrical Laboratory	_____ 1	_____
<u>Junior Second Semester</u> (17 Credit Hours)			
MET 330	Fluid Mechanics	_____ 3	_____
MET 335	Fluid Mechanics Laboratory	_____ 1	_____
MET 350	Thermal Applications	_____ 3	_____
MET 370***	Automation & Controls	_____ 3	_____
MET 386***	Automation & Controls Laboratory	_____ 1	_____
**Upper-Division General Education		_____ 3	_____
Gen Ed	Philosophy Perspective (P)	_____ 3	_____
<u>Senior First Semester</u> (16 Credit Hours)			
MET 387	Power & Energy Laboratory	_____ 2	_____
MET 434	Intro to Senior Design	_____ 1	_____
MET Senior Electives		_____ 6	_____
ENGN 401	FE Review	_____ 1	_____
Gen Ed	History Perspective (H)	_____ 3	_____
<u>Senior Second Semester</u> (15 Credit Hours)			
MET 435W	Senior Design Project	_____ 3	_____
MET Senior Electives		_____ 3	_____
**Upper-Division General Education		_____ 3	_____
Gen Ed	Fine & Performing Arts Perspective (A)	_____ 3	_____

TOTAL CREDITS:

121

**One or more additional courses will be required to complete a cluster or minor. See advisor for details.

***Must be taken together.

This curriculum does not include the University's foreign language general education requirement. Students may need additional hours to meet this perspective.