

Bachelor of Science in Mechanical Engineering Technology

2008-2009 Old Dominion University Catalog

NAME: _____

UIN: _____

TELEPHONE: _____

Students earning the AS, AA, or AA&S degree from a Virginia Community College automatically satisfy the lower division general education requirements. **Courses marked with * require a grade of C or better to transfer, even with the AS degree. The remaining lower division courses are automatically satisfied by the AS (including foreign language), regardless of the grade earned.** Additionally, courses in which a grade of AC-A or below was earned will not transfer. Therefore Community College degree holders who satisfy lower general education may require additional credits to meet the 120 credit hour graduation minimum. A minimum overall GPA of 2.00 is required to graduate. (AS=Associate Degree)

Entrance Writing Sample Placement Test: _____

Course Number	Course Title	Credits	Transfer
Freshman First Semester (15 Credit Hours)			
MET 120	Computer Aided Drafting	_____ 3	<u>DRF 201*</u>
ENGN 110	Explore Engineering & Technology I	_____ 2	<u>EGR 120*</u>
MATH 162M	Precalculus I	_____ 3	<u>MTH 163*</u>
CHEM 115N	Foundations of Chemistry	_____ 4	<u>CHM 111*</u>
Gen Ed	Social Science Perspective (S)	_____ 3	<u>SEE Transfer guide</u>
Freshman Second Semester (15 Credit Hours)			
MET 240	Computer Solid Modeling	_____ 3	<u>DRF 233, 241, 242, 243*</u>
ENGN 111	Explore Engineering & Technology II	_____ 2	_____*
MATH 163	Precalculus II	_____ 3	<u>MTH 164*</u>
PHYS 111N	General Physics I	_____ 4	<u>PHY 111, 201*</u>
ENGL 110C	English Composition	_____ 3	<u>SEE Transfer Guide</u>
Sophomore First Semester (17 Credit Hours)			
MET 200	Manufacturing Processes	_____ 3	<u>IND 113 & 114 , 115, MEC 112,113*</u>
ENGL 111C	English Composition	_____ 3	<u>SEE Transfer Guide*</u>
CET 200	Statics	_____ 3	<u>MEC 131/EGR 130,135,140,240*</u>
MATH 211	Calculus I	_____ 4	<u>MTH 173, 273*</u>
PHYS 112N	General Physics II	_____ 4	<u>PHY 112, 202*</u>
Sophomore Second Semester (15 Credit Hours)			
CET 220	Strength of Materials	_____ 3	<u>MEC 132/EGR 136, 246*</u>
OTS 221 or 231	Industrial Materials	_____ 3	<u>MAC 110,206,215,IND 180,185,115,or 113 & 114*</u>
Approved Elective		_____ 3	_____
Gen Ed	Literature Perspective (L)	_____ 3	<u>SEE Transfer guide</u>
COMM 101R	Public Speaking	_____ 3	_____
Junior First Semester (17 Credit Hours)			
MET 300	Thermodynamics	_____ 3	<u>EGR 248*</u>
MET 310	Dynamics	_____ 3	<u>EGR 245*</u>
MET 320	Design of Machine Elements	_____ 3	_____
CET 345	Materials Testing Laboratory	_____ 1	<u>EGR 247*</u>
EET 305	Adv. Technical Analysis	_____ 3	_____
EET 350	Fundamentals of Electrical Technology	_____ 3	_____
EET 355	Electrical Laboratory	_____ 1	_____
Junior Second Semester (17 Credit Hours)			
MET 330	Fluid Mechanics	_____ 3	CIV 240
MET 335	Fluid Mechanics Laboratory	_____ 1	_____
MET 350	Thermal Applications	_____ 3	_____
MET 370***	Automation & Controls	_____ 3	_____
MET 386***	Automation & Controls Laboratory	_____ 1	_____
**Upper-Division Cluster or Minor		_____ 3	_____
Gen Ed	Philosophy Perspective (P)	_____ 3	<u>SEE Transfer guide</u>
MET 387	Power & Energy Laboratory	_____ 2	_____
MET 434	Intro to Senior Design	_____ 1	_____
MET Senior Electives		_____ 6	_____
**Upper-Division Cluster or Minor		_____ 3	_____
ENGN 401	FE Review	_____ 1	_____
Gen Ed	History Perspective (H)	_____ 3	<u>SEE Transfer guide</u>
Senior Second Semester (15 Credit Hours)			
MET 435W	Senior Design Project	_____ 3	_____
MET Senior Electives		_____ 6	_____
**Upper-Division Cluster or Minor		_____ 3	_____
Gen Ed	Fine & Performing Arts Perspective (A)	_____ 3	<u>SEE Transfer guide</u>
TOTAL		127	

**One or more additional courses will be required to complete a 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.