

Bachelor of Science in Mechanical Engineering Technology

2004-06 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 100	Engineering Graphics	3	*
ENGN 110	Explore Engineering & Technology I	2	*
MATH 162M	Precalculus I	3	*
CHEM 115N	Foundations of Chemistry	4	*
ENGL 110C	English Composition	3	
Freshman Second Semester (15 Credit Hours)			
MET 230	Computer-Aided Drafting	3	
ENGN 111	Explore Engineering & Technology II	2	*
MATH 163	Precalculus II	3	*
PHYS 111N	General Physics I	4	*
Gen Ed	Literature Perspective (L)	3	
Sophomore First Semester (17 Credit Hours)			
MET 200	Manufacturing Processes	3	
ENGL 131C	Technical and Scientific Writing	3	*
CET 200	Statics	3	*
MATH 211	Calculus I	4	*
PHYS 112N	General Physics II	4	*
Sophomore Second Semester (15 Credit Hours)			
CET 220	Strength of Materials	3	*
OTS 221	Industrial Materials	3	
MET 240	Computer Solid Modeling	3	
COMM 101R	Public Speaking	3	
Gen Ed	Social Science Perspective (S)	3	
Junior First Semester (18 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	4	
EET 350	Fundamentals of Electrical Technology	3	
EET 355	Electrical Laboratory	1	
Junior Second Semester (17 Credit Hours)			
MET 330	Fluid Mechanics	3	
MET 335	Fluid Mechanics Laboratory	1	
MET 350	Thermal Applications	3	
MET 360	Geometric Dimension and Tolerancing	3	
MET 370	Automation & Controls	3	
MET 386	Automation & Controls Laboratory	1	
*Upper-Division Cluster or Minor		3	
Senior First Semester (15 Credit Hours)			
MET 387	Power & Energy Laboratory	2	
MET Senior Elective		3	
MET Senior Elective		3	
*Upper-Division Cluster or Minor		3	
ENGN 401	FE Review	1	
Gen Ed	History Perspective (H)	3	
Senior Second Semester (15 Credit Hours)			
MET 435W	Senior Design Project	3	
	MET Senior Elective	3	
*Upper-Division Cluster or Minor		3	
Gen Ed	Philosophy Perspective (P)	3	
Gen Ed	Fine & Performing Arts Perspective (A)	3	

TOTAL

127

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

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