Bachelor of Science in Mechanical Engineering Technology
2006-2008 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	_____*
Gen Ed	Social Science Perspective (S) (GEN 101 may be used)	_____	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	_____*
ENGL 110C	English Composition	_____	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 221or 231	Industrial Materials	_____	3	_____
MET 240	Computer Solid Modeling	_____	3	_____
Gen Ed	Literature Perspective (L) (GEN 101 may be used)	_____	3	_____
COMM 101R	Public Speaking	_____	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) (GEN 101 may be used)	_____	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) (GEN 101 may be used)	_____	3	_____
Gen Ed	Fine & Performing Arts Perspective (A) (GEN 101 may be used)	_____	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.