

Bachelor of Science in Civil 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:** _____

Freshman First Semester (15 Credit Hours)

	Credits	Transfer	
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 (GEN 101 may be used)	Social Science Perspective (S)	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)

CET 200	Statics	3	*
MATH 211	Calculus I	4	*
PHYS 112N	General Physics II	4	*
ENGL 131C	Technical & Scientific Writing	3	*
Gen Ed (GEN 101 may be used)	Literature Perspective (L)	3	

Sophomore Second Semester (16 Credit Hours)

CET 220	Strength of Materials	3	
CET 305	Principles of Surveying	3	
CET 345	Materials Testing Laboratory	1	
EET 305	Advanced Technical Analysis	4	
COMM 101R	Public Speaking	3	
Gen Ed (GEN 101 may be used)	Philosophy Perspective (P)	3	

Junior First Semester (16 Credit Hours)

CET 310	Fundamentals of Building Construction	3	
CET 301	Structural Analysis	3	
CET Elective		3	
MET 330	Fluid Mechanics	3	
MET 335	Fluid Mechanics Laboratory	1	
***Gen Ed	Upper Division Cluster Course	3	

Junior Second Semester (16 Credit Hours)

CET 340	Soils & Foundations	3	
CET 341	Soils Testing Laboratory	1	
****CET 360	Plans & Specifications	3	
CET Elective		3	
MET 310	Dynamics	3	
ENMA 302	Engineering Economics	3	

Senior First Semester (16 Credit Hours)

CET 440	Contract Documents	3	
CET 450	Structural Steel Design	3	
CET Elective		3	
ENGN 401	FE Review	1	
Gen Ed (GEN 101 may be used)	History Perspective (H)	3	
***Gen Ed	Upper Division Cluster Course or minor	3	

Senior Second Semester (16 Credit Hours)

CET 400	Computer Applications in Structural Design	1	
CET 410	Reinforced Concrete Design	3	
CET 475W	Senior Design Project	3	
CET Elective		3	
***Gen Ed	Upper Division Cluster Course or minor	3	
Gen Ed (GEN 101 may be used)	Fine & Performing Arts Perspective (A)	3	

TOTAL 128

***One or more courses may be required to complete a minor. Consult your academic advisor for more information.

****Students with an interest in construction may substitute an alternate course with approval of their advisor.

Additional Graduation Requirements:

Foreign Language Requirement: _____ Senior Assessment: _____

Application for Graduation: _____ Passage of Exit Writing Exam _____
This curriculum does not include the University's foreign language general education requirement. Students may need additional hours to meet this perspective.