

Bachelor of Science in Civil 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:** _____

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	_____ *
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)

CET 200	Statics _____ 3	_____ *
MATH 211	Calculus I _____ 4	_____ *
PHYS 112N	General Physics II _____ 4	_____ *
ENGL 131C	Technical & Scientific Writing _____ 3	_____ *
Gen Ed	Social Science Perspective (S) _____ 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 _____ 3	_____
COMM 101R	Public Speaking _____ 3	_____
Gen Ed	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 & Inspection _____ 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	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	Fine & Performing Arts Perspective (A) _____ 3	_____
TOTAL	_____ 127	

**Students in the surveying and site development option will replace these courses by surveying courses as specified by the surveying coordinator.

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

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.