

**Bachelor of Science in Civil 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 C 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	VCCS Transfer
MET 120	Computer-Aided Graphics _____ 3	DRF 201,202,203 or 232*
ENGN 110	Explore Engineering & Technology I _____ 2	EGR 120*
MATH 162M	Precalculus I _____ 3	MTH 163*
CHEM 115N	Foundations of Chemistry _____ 4	CHM 111*
GEN ED	Social Science Perspective (S) _____ 3	See <a href="#">Transfer guide</a>

**Freshman Second Semester** (15 Credit Hours)

Approved Elective	Elective _____ 3	_____
ENGN 111	Explore Engineering & Technology II _____ 2	_____
MATH 163	Precalculus II _____ 3	MTH 164 *
PHYS 111N	General Physics I _____ 4	PHY 111 or 201*
ENGL 110C	English Composition _____ 3	ENG 111*

**Sophomore First Semester** (17 Credit Hours)

CET 200	Statics _____ 3	MEC131/EGR130,135, 140,240*
MATH 211	Calculus I _____ 4	MTH 173 or 273*
PHYS 112N	General Physics II _____ 4	PHY 112 or 202*
ENGL 111C	English Composition _____ 3	ENG 112 or 210*
Gen Ed	Literature Perspective (L) _____ 3	See <a href="#">Transfer guide</a>

**Sophomore Second Semester** (16 Credit Hours)

CET 220	Strength of Materials _____ 3	MEC 132/EGR 136, 246*
CET 305	Principles of Surveying _____ 3	CIV 171, 172, 261*
CET 345	Materials Testing Laboratory _____ 1	EGR 247*
EET 305	Advanced Technical Analysis _____ 3	_____
COMM 101R	Public Speaking _____ 3	SPD/CST 110, 105 or 110*
Gen Ed	Philosophy Perspective (P) _____ 3	See <a href="#">Transfer guide</a>

**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	CIV 240*
MET 335	Fluid Mechanics Laboratory _____ 1	_____
***Gen Ed	Upper Division Cluster Course _____ 3	_____

**Junior Second Semester** (16 Credit Hours)

CET 340	Soils & Foundations _____ 3	CIV 225*
CET 341	Soils Testing Laboratory _____ 1	CIV 226*
CET 360	Plans & Specifications _____ 3	_____
CET Elective	_____ 3	_____
MET 310	Dynamics _____ 3	EGR 245*
ENMA 302	Engineering Economics _____ 3	EGR 206*

**Senior First Semester** (17 Credit Hours)

**CET 440	Contract Documents _____ 3	_____
CET 434	Intro to Senior Design _____ 1	_____
CET 450	Structural Steel Design _____ 3	_____
CET Elective	_____ 3	_____
ENGN 401	FE Review _____ 1	_____
Gen Ed	History Perspective (H) _____ 3	See <a href="#">Transfer guide</a>
***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	See <a href="#">Transfer guide</a>

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\*\*\*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.