

**Bachelor of Science in Civil Engineering Technology****(Surveying and Site Development Option)**

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

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

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

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

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

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

|           |                                      |   |
|-----------|--------------------------------------|---|
| CET 220   | Strength of Materials _____ 3        | <u>MEC 132/EGR 136,246*</u>               |
| CET 305   | Principles of Surveying _____ 3      | <u>CIV 171, 172, 261*</u>                 |
| CET 345   | Materials Testing Laboratory _____ 1 | <u>EGR 247</u>                            |
| EET 305   | Advanced Technical Analysis _____ 3  | _____                                     |
| COMM 101R | Public Speaking _____ 3              | <u>SPD/CST 100,105,110</u>                |
| Gen Ed    | Philosophy Perspective (P) _____ 3   | <u>See <a href="#">Transfer guide</a></u> |

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

|                        |   |                 |
|------------------------|---|-----------------|
| CET 310                | Fundamentals of Building Construction _____ 3 | _____           |
| CET 320                | Adjustment Computations _____ 3               | _____           |
| CET Geomatics Elective | _____ 3                                       | _____           |
| MET 330                | Fluid Mechanics _____ 3                       | <u>CIV 240*</u> |
| MET 335                | Fluid Mechanics Laboratory _____ 1            | _____           |
| ***Gen Ed              | Upper Division Cluster Course _____ 3         | _____           |

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

|                        |                                  |                 |
|------------------------|----------------------------------|-----------------|
| CET 340                | Soils & Foundations _____ 3      | <u>CIV 225*</u> |
| CET 341                | Soils Testing Laboratory _____ 1 | <u>CIV 226*</u> |
| CET 413                | Elements of GIS _____ 3          | _____           |
| CET Geomatics Elective | _____ 3                          | _____           |
| MET 310                | Dynamics _____ 3                 | <u>EGR 245*</u> |
| ENMA 302               | Engineering Economics _____ 3    | <u>EGR 206*</u> |

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

|                        |  |   |
|------------------------|--|---|
| ENGN 401               | FE Review _____ 1                              | _____                                     |
| CET 420                | Hydrology and Drainage _____ 3                 | _____                                     |
| CET 434                | Intro to Senior Design _____ 1                 | <u>CIV 241 and 242*</u>                   |
| FIN 331                | Legal Environment of Business _____ 3          | _____                                     |
| CET Geomatics Elective | Elective _____ 3                               | _____                                     |
| Gen Ed                 | History Perspective (H) _____ 3                | <u>See <a href="#">Transfer guide</a></u> |
| ***Gen Ed              | Upper Division Cluster Course or minor _____ 3 | _____                                     |

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

|                        |  |   |
|------------------------|--|---|
| CET 425                | Land Design _____ 3                            | _____                                     |
| CET 475W               | Senior Design Project _____ 3                  | _____                                     |
| CET Geomatics Elective | Elective _____ 3                               | _____                                     |
| ***Gen Ed              | Upper Division Cluster Course or minor _____ 3 | _____                                     |
| Gen Ed                 | Fine & Performing Arts Perspective (A) _____ 3 | <u>See <a href="#">Transfer guide</a></u> |

TOTAL

127

\*\*\*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.