

## **CIVIL ENGINEERING/SURVEYING TECHNOLOGIES**

Associate in Applied Science 69 Credit hours Fall Start Only

# First Semester (14 Hours)

|             | Program Requirements  | Hours   🗸 | General Education Courses                                     | Hours   🗸 |
|-------------|---|-----------|---|-----------|
| <u>1</u> 3† |   |           | GTGE 1111 College Cornerstone OR ORIE 1011 College Strategies | 1         |
|             | ETDG 1143 Introduction to Design/Drafting Corequisite: MATH 1513            | 3         | MATH 1513 Pre-Calculus <sup>®</sup>                           | 3         |
|             | SURV 1011 Introduction to Surveying   | 1         |   |           |
| 臣           | SURV 1223 LAnd Law I  | 3         |   |           |
|             | Approved Technical Elective:  CNS 1113 Construction Materials & Procedures* | 3         |   |           |
|             |   |           | COWBOY UP! New Student Orientation                            | 0         |

# **Second Semester (14 Hours)**

|      | Program Requirements  | Hours | <b>✓</b> | General Education Courses | Hours | <b>✓</b> |
|------|---|-------|----------|---------------------------|-------|----------|
| Full | ETDG 1192 Applied AutoCAD Prerequisite: ETDG 1143                                 | 2     |          | MATH 1613 Trigonometry    | 3     |          |
|      | SURV 2223 Land Law II Prerequisite: SURV 1223                                     | 3     |          |                           |       |          |
|      | SURV 2303 Surveying I Prerequisites: MATH 1513 & SURV 1011                        | 3     |          |                           |       |          |
|      | Approved Technical Elective:  CNS 1263 Construction Blueprints & Specifications * | 3     |          |                           |       |          |

## **Third Semester (16 Hours)**

|     | Program Requirements   | Hours   🗸 | General Education Courses  | Hours   🗸 |
|-----|--|-----------|--|-----------|
|     | ETDG 2674 Civil Drafting Prerequisite: ETDG 1192   | 4         | ENGL 1033 Technical Writing I ** OR<br>ENGL 1113 Freshman Composition I* | 3         |
| st  | Approved Technical Elective:  CNS 1303 Estimating I *  Prerequisites: CNS 1113, CNS 1263 & MATH 1513 | 3         |  |           |
|     | Approved Technical Elective:  CNS 2543 Concrete Construction *  Prerequisite: CNS 1113               | 3         |  |           |
| 2nd | CET 2123 Properties of Soils Prerequisite: MATH 1513   | 3         |  |           |

#### **Fourth Semester (14 Hours)**

|      | Program Requirements  | Hours | ✓   General Education Courses Hours        | 🗸 |
|------|---|-------|--|---|
| Full | CET 2212 Transportation Prerequisites: MATH 1613 & SURV 2303    | 2     | CS 1013 Computer Literacy & Applications 3 |   |
|      | CET 2323 Statics Prerequisite: MATH 1613                        | 3     | POLS 1113 US Government 3                  |   |
| 2nd  | ETDG 2663 Civil Technology Applications Prerequisite: ETDG 1192 | 3     |  |   |

## **Fifth Semester (11 Hours)**

|   | Program Requirements  | Hours | /   General Education Course                                       | es Hours   🗸 |
|---|---|-------|--|--------------|
| ≡ | CET 2805 Internship Prerequisites: Successful completion of a minimum of three semesters of related coursework or School Dean's approval. | 5     | HIST 1483 US History to 1865 OR<br>HIST 1493 US History Since 1865 |              |
| Œ |   |       | SPCH 2313 Small Group Commun<br>SPCH 1113 Intro to Speech Comm     |              |

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<sup>♦</sup> NOTE: General education courses can be taken in full- or half-semester terms. See advisor for details.