

PROGRAM PLANNING GUIDE

**CIVIL ENGINEERING TECHNOLOGY
A40140**

Replaces Curriculum Schedule with Revision Date: FA2017

Date Revised: FA2018

CURRICULUM BY SEMESTER

| | | | Hours Per Week | | |
|-----------------|------|-----------------------------------|----------------|-----|---------|
| Course No. | | Course Title | Class | Lab | Credits |
| Fall Semester 1 | | | | | |
| ACA | 115 | Success & Study Skills | 0 | 2 | 1 |
| CEG | 111 | Introduction to GIS and Gnss | 2 | 4 | 4 |
| CEG | 115 | Intro to Tech & Sustainability* | 2 | 3 | 3 |
| CEG | 115A | Tech & Sustainability Lab | 0 | 3 | 1 |
| CEG | 151 | CAD for Engineering Technology ** | 2 | 3 | 3 |
| MAT | 121 | Algebra/Trigonometry I *** | 2 | 2 | 3 |

| | | | | | |
|-------------------|-----|--------------------------------------|---|---|---|
| Spring Semester 1 | | | | | |
| CIV | 125 | Civil/Surveying CAD | 1 | 6 | 3 |
| EGR | 251 | Statics | 2 | 2 | 3 |
| SRV | 110 | Surveying I | 2 | 6 | 4 |
| COM | 120 | Intro to Interpersonal Communication | 3 | 0 | 3 |
| ENG | 111 | Writing and Inquiry | 3 | 0 | 3 |

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|-------------------|-----|------------------------|---|---|---|
| Summer Semester 1 | | | | | |
| SRV | 111 | Surveying II | 2 | 6 | 4 |
| HUM | 110 | Technology and Society | 3 | 0 | 3 |

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|-----------------|-----|------------------------------------|---|---|---|
| Fall Semester 2 | | | | | |
| CEG | 211 | Hydrology & Erosion Control | 2 | 3 | 3 |
| CEG | 212 | Introduction to Environmental Tech | 2 | 3 | 3 |
| CIV | 111 | Soils and Foundations | 2 | 4 | 4 |
| EGR | 252 | Strength of Materials | 2 | 2 | 3 |
| SRV | 260 | Field and Office Practices | 1 | 3 | 2 |

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|-------------------|-----|----------------------------------|---|---|---|
| Spring Semester 2 | | | | | |
| CEG | 210 | Construction Materials & Methods | 2 | 3 | 3 |
| CEG | 230 | Subdivision Planning & Design | 1 | 6 | 3 |
| CEG | 235 | Proj Mgmt/Estimating | 2 | 3 | 3 |
| PSY | 118 | Interpersonal Psychology | 3 | 0 | 3 |
| | | Major Electives Group 1 | | | 3 |

Completes requirements for Office/CAD Certificate: C40140A

Completes requirements for Field Technician Certificate: C40140B

Completes requirements for Design Certificate: C40140C

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|-------------------|--|-------------------------|--|--|---|
| Summer Semester 2 | | | | | |
| | | Major Electives Group 2 | | | 2 |

Graduation Requirement Credit Hours: 70

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| MAJOR ELECTIVES | | | | | |
|-------------------|--------------|--------------------------------|----------------|-----|---------|
| | | | Hours Per Week | | |
| Course No. | Course Title | | Class | Lab | Credits |
| Major Electives 1 | | Credit Hours Needed: | 3 | | |
| GIS | 121 | Georeferencing & Mapping | 2 | 2 | 3 |
| GIS | 246 | Principles of Property Mapping | 2 | 2 | 3 |
| SRV | 240 | Topo/Site Surveying | 2 | 6 | 4 |

| | | | Hours Per Week | | |
|-------------------|--------------|---------------------------|----------------|-----|---------|
| Course No. | Course Title | | Class | Lab | Credits |
| Major Electives 2 | | Credit Hours Needed: | 2 | | |
| CST | 131 | OSHA/Safety/Certification | 2 | 2 | 3 |
| WBL | 112 | Work-based Learning I | 0 | 20 | 2 |

* May substitute EGR 115 for CEG 115

** May substitute DFT 151 for CEG 151

*** May substitute MAT 171, MAT 172, or MAT 271 for MAT 121