

A Major Academic Plan (MAP) illustrates one efficient path toward completing a degree and includes only required courses and credits. A list of Major, General Education, and Elective credits, as well as a summary of required credit categories, are shown on page two. **Individual MAP customization by each student is expected.**

Catalog Year 2016-2017

|  |  |  |  |  |  |  |
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| Civil Engineering Technology - AAS | Credit Hours | Min. Grade | \*Attribute | \*\*When Offered | Pre & Co-requisites | |
| Semester One | | | | | |
| GE Objective 1: ENGL 1101 English Composition or ENGL 1101P | 3 or 4 | D- | GE |  |  | |
| CET 0110: Applied Mathematics 1 | 3 | C- |  | F |  | |
| CET 0111/GEMT 1111: Drawing with CAD | 3 | C- |  | F |  | |
| CET 0112/GEMT 1112: Beginning Surveying | 5 | C- |  | F |  | |
| CET 0115A: Materials Testing and Specifications I | 5 | C- |  | F |  | |
| Total | 19 |  |  |  |  | |
| Semester Two | | | | | |
| GE Objective 2: COMM 1101 Principles of Speech | 3 | D- | GE |  |  | |
| CET 0120: Applied Mathematics II | 3 | C- |  | S | CET 0110 | |
| CET 0121/GEMT 1121: Civil Engineering Technology Drafting | 3 | C- |  | S | CET 0111/GEMT 1111 | |
| CET 0122/GEMT 1122 Intermediate Surveying | 5 | C- |  | S | CET 0112/GEMT 1112 | |
| CET 0125A: Materials Testing and Specifications II | 5 | C- |  | S | CET 0115A | |
| Total | 19 |  |  |  |  | |
| Summer Semester | | | | | |
| GE Objective 3: Mathematics/Computation | 3 |  | GE |  |  | |
| Total |  |  |  |  |  |
| Semester Three | | | | | |
| GE Objective 5: PHYS 1101/L | 4 | D- | GE |  |  | |
| CET 0216/GEMT 2216: Route Survey and Design | 5 | C- |  | F | CET 0122/GEMT 1122 | |
| CET 0230: Construction Inspection | 2 | C- |  | F |  | |
| CET 0241: Utility Operations and Maintenance I – Wastewater | 3 | C- |  | F |  | |
| CET 0250: Unmanned Aerial Systems/Imagery Analysis | 3 | C- |  | F |  | |
| Total | 17 |  |  |  |  | |
| Semester Four |  |  |  |  |  | |
| GE Objective 6: Social and Behavioral Ways of Knowing | 3 | D- | GE |  |  | |
| CET 0226: Construction Surveying | 5 | C- |  | S |  | |
| CET 0228: Principles of GIS | 3 | C- |  | S |  | |
| CET 0231: Plan Reading and Specifications | 2 | C- |  | S |  | |
| CET 0242: Utility Operations and Maintenance II – Water | 3 | C- |  | S |  | |
| Total | 16 |  |  |  |  | |
| \*Key for Attribute: U=Upper division GE=General Education Objective  \*\*Key for When Offered: F=Fall S=Spring Su=Summer D=contact department (more…) | | | | | |

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| **2016-2017 Major Requirements** | **CR** | **2016-2017 GENERAL EDUCATION OBJECTIVES**  **Satisfy Objectives 1,2,3, 5, 6** | | **16 cr. min** | |
| **MAJOR REQUIREMENTS** |  | 1. Written English (3 cr. min) ENGL 1101 | | 3 | |
| CET 0110: Applied Mathematics 1 | 3 | 2. Oral Communication (3 cr. min) COMM 1101 | | 3 | |
| CET 0111/GEMT 1111: Drawing with CAD | 3 | 3. Mathematics (3 cr. min) | | 3 | |
| CET 0112/GEMT 1112: Beginning Surveying | 5 | 6. Behavioral and Social Science | | 3 | |
| CET 0115A: Materials Testing and Specifications I | 5 | 5. Scientific Ways of Knowing PHYS 1101/L | | 4 | |
| CET 0120: Applied Mathematics II | 3 |  | |  | |
| CET 0121/GEMT 1121: Civil Engineering Technology Drafting | 3 | **TOTAL** | | **16** | |
| CET 0122/GEMT 1122 Intermediate Surveying | 5 |  | | | |
| CET 0125A: Materials Testing and Specifications II | 5 |  | |  | |
| CET 0216/GEMT 2216: Route Survey and Design | 5 |  | |  | |
| CET 0230: Construction Inspection | 2 |  | |  | |
| CET 0241: Utility Operations and Maintenance I – Wastewater | 3 |  | | | |
| CET 0250: Unmanned Aerial Systems/Imagery Analysis | 3 |  | |  | |
| CET 0226: Construction Surveying | 5 |  | |  | |
| CET 0228: Principles of GIS | 3 |  | | | |
| CET 0231: Plan Reading and Specifications | 2 |  | |  | |
| CET 0242: Utility Operations and Maintenance II – Water | 3 |  | |
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|  |  | GE Objectives Courses:  (University Catalog 2016-2017) | | | |
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|  |  | **MAP Credit Summary** | | | **CR** |
|  |  | Major | | | 58 |
|  |  | General Education | | | 16 |
|  |  | Free Electives to reach 60 credits | | | 0 |
|  |  | TOTAL | | | 74 |
|  |  |  | | |  |
| **TOTAL** | **58** |  | | |  |
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| **Advising Notes** | |  | | |  |
|  | |  | | |  |
|  | | **Graduation Requirement Minimum Credit Checklist** | **YES** | | NO |
|  | | Min. of 15 credits of General Education Objectives |  | |  |
|  | | Min. of 60 credits |  | |  |
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