



**Bachelor of Technology
in
Civil Engineering Technology
126 Hours**

| | | Semester 1 14 Hours | Semester 2 14 Hours | Semester 3 16 Hours | Semester 4 15 Hours | Semester 5 16 Hours | Semester 6 13 Hours | Semester 7 13 Hours | Semester 8 12 Hours | Semester 9 13 Hours |
|--|--|--|---|---|--|--|--|--|------------------------|------------------------------------|
| Technical | 63 Technical Credits | Introduction to Design/ Drafting ETDG 1143 Corequisite MATH 0163 if required | Applied AutoCad ETDG 1192 Prerequisite ETDG 1143 MATH 1513 | Civil Application ETDG 2663 Prerequisite ETDG 1192 | Intro to GIS ETDG 2203 Prerequisite ETDG 1192 | Statics CET 2323 Prerequisites PHYS 1114 and MATH 1613 | Strength of Materials and Structural Analysis CET 3114 Prerequisites CET 2323 MATH 2123 | Water/Wastewater CET 4233 Prerequisites CET 3313 | Internship CET 4812 | Capstone CET 4413 |
| Comm | 12 Communication Credits | Intro to Surveying SURV1011 Corequisite MATH 0163 or Higher | Surveying I SURV 2303 Prerequisite SURV 1011 MATH 1513 | Land Law I SURV 1223 | Land Law II SURV 2223 Prerequisite SURV 1223 | Properties of Soils CET 2123 Corequisite CET 2323 Prerequisite MATH 1513 | Dynamics/ Thermodynamics CET 3123 Prerequisites MATH 2123 CET 2323 | Reinforced Concrete Design CET 4213 Prerequisites CET 3114 | | FE Review CET 3543 |
| Math | 12 Math Credits | Algebra MATH 1513 Prerequisites MATH 0163 or Pass Compass Test | Freshman Composition II ENGL 1213 Prerequisites ENGL 1113 | Ethics PHIL 1213 or PHIL 1013 | Construction Management & Economics CET 2103 Prerequisite MATH 1513 | Transportation CET 3143 Prerequisites MATH 1613 SURV 2303 CoREQ CET 2323 | Elements of Electricity & Electronics CET 3103 Prerequisites MATH 2123 | Steel Structures CET 3213 Prerequisites CET 3114 | | Intro to Psychology PSYC 1113 |
| Science | 12 Science Credits | Cornerstone GTGE 1111 | Trigonometry MATH 1613 Prerequisites MATH 0163 or Pass Compass Test | Calculus I MATH 2144 Prerequisites MATH 1513 and MATH 1613 | Calculus II MATH 2153 Prerequisite MATH 2144 | Chemistry I CHEM 1214 Prerequisites MATH 1513 | Fluid Mechanics/ Hydraulics CET 3113 Prerequisite CET 2323 MATH 2123 | Hydrology CET 4224 Prerequisites CET 3313 | | Technical Writing III ENGL 3323 |
| Social/ Political Science | 12 Social/Political Science Credits | Freshman Comp I ENGL 1113 | History HIST 1483 or 1493 | Physics I PHYS 1204 Prerequisites MATH 1513 and MATH 1613 | Humanities I HUM 1013 | Small Group Comm SPCH 2313 | | | | |
| Other | 5 Other | Government POLS 1113 | | | | | | | | |
| Internship | 12 Internship Credit Hours | | | | | | | | | |

DISCUSSION PURPOSES ONLY
REFER TO CURRENT UNIVERSITY
CATALOG FOR OFFICIAL DEGREE PLAN

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