

Civil Engineering
Catalog Year 2026-2027

Note: This is a recommended sequence and shifts are likely to occur due to prerequisite completion and course availability.

Semester One	Semester Two
CHEM 1127Q: General Chemistry 1 (4 credits) (TOI 6)	CHEM 1128Q: General Chemistry II (4 credits) (TOI 6)
MATH 1131Q: Calculus I (4 credits)	MATH 1132Q: Calculus II (4 credits)
CSE 1010: Intro to Computing for Engineers (3 credits)	ENGR 1166: Foundations of Engineering (3 credits)
ENGL 1007: Writing and Composition (4 credits)	TOI Course (3 credits)
ENGR 1000: Orientation to Engineering (1 credit)	TOI Course (3 credits)
16 credits	17 credits

Semester Three	Semester Four
CE 2110: Applied Mechanics I (3 credits)	MATH 2410Q: Elem. Differential Equations (3 credits)
CE 2411: Intro to Computer Aided Design (1 credit)	CE 2211: Engineering Economics (1 credit)
MATH 2110Q: Multivariable Calculus (4 credits)	CE 2710: Transportation Engineering (3 credits)
PHYS 1501Q: Physics for Engineers I (4 credits) (TOI 6)	CE 3110: Mechanics of Materials (3 credits)
CE 2251: Probability & Statistics in CEE (3 credits)	ENVE 2310E: Environ. Engineering Fund. (3 credits)
	TOI Course (3 credits)
15 credits	16 credits

Semester Five	Semester Six
CE 3220: Principles of Construction I (3 credits)	CE 3520: Civil Engineering Materials (3 credits)
CE 3510: Soil Mechanics (3 credits)	ENVE 3120: Fluid Mechanics (4 credits)
CE 3610: Basic Structural Analysis (3 credits)	PHYS 1502Q: Physics for Engineers II (4 credits)(TOI 6)
Science Elective (3 credits)	Professional Requirement (3 credits)
TOI Course (3 credits)	TOI Course (3 credits)
15 credits	17 credits

Semester Seven	Semester Eight
CE 4910W: Civil Engineering Projects I (2 credits)	CE 4920W: Civil Engineering Projects II (2 credits)
Proficiency Area Requirement (3 credits)	Proficiency Area Requirement (3 credits)
Proficiency Area Requirement (3 credits)	Professional Requirement (3 credits)
Proficiency Area Requirement (3 credits)	Free Elective (3 credits)
Professional Requirement (3 credits)	Free Elective (3 credits)
Free Elective (3 credits)	Free Elective* (1+ credits)
17 credits	15+ credits

*As needed to reach total degree credits

Total Credits: 128