

This pathway leads from a Civil Engineering, A.S. (TTP) degree from Chattanooga State Community College to a Bachelor of Science in Civil Engineering degree with a major in Civil Engineering from the University of Tennessee at Chattanooga.

Chattanooga State Community College

| First Year – 33 Hours | | | |
|--|------------|---|------------|
| <i>Fall Semester:</i> | Hrs | <i>Spring Semester:</i> | Hrs |
| ENGL 1010: English Composition I | 3 | ENGL 1020: English Composition II* | 3 |
| Social/Behavioral Science to satisfy Gen Ed | 3 | CHEM 1110: General Chemistry I | 4 |
| MATH 1910: Calculus I* | 4 | MATH 1920: Calculus II* | 4 |
| Humanities/Fine Arts to satisfy Gen Ed | 3 | Humanities/Fine Arts to satisfy Gen Ed | 3 |
| History to satisfy Gen Ed | 3 | History to satisfy Gen Ed | 3 |
| | 16 | | 17 |
| Second Year – 33 Hours | | | |
| <i>Fall Semester:</i> | Hrs | <i>Spring Semester:</i> | Hrs |
| ENGR 2110: Statics* | 3 | ENGR 2120: Dynamics* | 3 |
| Social/Behavioral Science to satisfy Gen Ed | 3 | PHYS 2120: Calculus-Based Physics II | 4 |
| PHYS 2110: Calculus-Based Physics I* | 4 | MATH 2120: Differential Equations | 3 |
| MATH 2050: Calculus based Probability and Statistics | 3 | MATH 2010: Introduction to Linear Algebra | 3 |
| MATH 2110: Calculus III | 4 | Literature to satisfy Gen Ed | 3 |
| | 17 | | 16 |

* Must earn a C or better grade

Students should verify Chattanooga State Community College graduation requirements.

University of Tennessee at Chattanooga

| Third Year – 36-37 Hours | | | |
|---|------------|--|------------|
| <i>Fall Semester:</i> | Hrs | <i>Spring Semester:</i> | Hrs |
| ENCE 1010: Intro to Civil Engineering | 2 | ENCE 2620/2620L: Intro to Geomatics/Lab | 3 |
| ENCE 1020: Intro to Engineering Graphics | 1 | ENCE 3380: Water Resources Engineering | 3 |
| ENCE 2460/2460L: Mechanics of Materials/Lab | 4 | ENCE 3520: Engineering Economy | 3 |
| ENCE 2010: Intro to Environmental Engineering | 3 | ENCE 3610/3610L: Soil Mechanics/Lab | 4 |
| ENME 3070/3070L: Fluid Mechanics/Lab | 4 | ENME 2240: Intro to Engineering Computations | 3 |
| Approved Science Elective | 3-4 | Engineering Specialty Elective (3000 Level) | 3 |
| | 17-18 | | 19 |
| Fourth Year – 34 Hours | | | |
| <i>Fall Semester:</i> | Hrs | <i>Spring Semester:</i> | Hrs |
| ENCE 3850: Interdisciplinary Design Project I | 3 | ENCE 4850: Interdisciplinary Design Project II | 3 |
| ENCE 3620: Transportation Engineering I | 3 | ENCE 4620: Transportation Engineering II | 3 |
| ENCE 3640: Structural Analysis I-FA ONLY | 3 | ENCE 3680: Design of Concrete Structures | 3 |
| ENCE 4610: Foundation Analysis Design-FA ONLY, 3640 pre-req | 3 | ENCE 4380: Wastewater/Water Treat, 4640: Struct Analysis II, or 4780: Struct Masonry/Wood Design | 3 |
| ENCE 4680: Design of Steel Structures | 3 | Engineering Specialty Elective (4000 Level) | 3 |
| ENCE 3500/3500L: Civil Engineering Materials/Lab | 4 | | |
| | 19 | | 15 |

| Completed: | | | |
|-------------------------------------|--|--|--|
| Graduation Requirements: | | Degree Requirements: | |
| 128 Total Hours | | 27 General Education Hours | |
| 39 Upper Division (3000-4000) Hours | | 109-110 Program (Major) Hours | |
| 32 Hours at UTC | | Minor Hours (<i>Not Required</i>) | |
| 60 Hours at 4-year institution | | Elective Hours (<i>Not Required</i>) | |
| | | Foreign Language Hours (<i>Not Required</i>) | |

This Transfer Path is a supplemental resource only. Students should consult their catalog year for official lists of general education courses, program requirements, pre-requisites, and co-requisites.