## Required Courses

<table>
<thead>
<tr>
<th>Semester I (Fall)</th>
<th>Credit Hours</th>
<th>Prerequisite (Corequisite)</th>
<th>Term Offered</th>
<th>Available Online</th>
<th>Grade / Term Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>CADD 1200 AutoCAD Fundamentals</td>
<td>3</td>
<td></td>
<td>No</td>
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<tr>
<td>CIVT 1250 Materials &amp; Methods of Construction</td>
<td>3</td>
<td></td>
<td>Yes</td>
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<tr>
<td>COLL 1000 First Year Seminar</td>
<td>1</td>
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<td>Yes</td>
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<tr>
<td>COMM 2025 Fundamentals of Communication or COMM 2045 Public Speaking</td>
<td>3</td>
<td>(ENGL 1010)</td>
<td>Yes</td>
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<tr>
<td>ENGL 1010 English Composition I</td>
<td>3</td>
<td>Satisfactory test scores or completion of corequisite requirements</td>
<td>Yes</td>
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<tr>
<td>MATH 1050 Trigonometric Applications</td>
<td>3</td>
<td>HS algebra I and II and ACT math and reading scores of at least 19 or equivalent math and reading placement scores (MATH 0050 if required)</td>
<td>Yes</td>
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<thead>
<tr>
<th>Semester II (Spring)</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
<th>Term Offered</th>
<th>Available Online</th>
<th>Grade / Term Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIVT 1550 Surveying Fundamentals</td>
<td>4</td>
<td>(MATH 1050 or MATH 1720 or MATH 1730)</td>
<td>No</td>
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<tr>
<td>CIVT 2100 Construction Cost Estimating</td>
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<td>CIVT 2350 Construction Materials Testing</td>
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<td>No</td>
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<tr>
<td>ENGT(^1) Engineering Technical Elective</td>
<td>3</td>
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<tr>
<th>Semester III (Fall)</th>
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<th>Grade / Term Completed</th>
</tr>
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<tbody>
<tr>
<td>ARCT 2430 Building Environmental Systems</td>
<td>3</td>
<td>CIVT 1250</td>
<td>No</td>
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<tr>
<td>CADD 2301 Civil 3D Site Design</td>
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<td>CADD 1200</td>
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<td>CIVT 2200 Construction Scheduling</td>
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<tr>
<td>CIVT 2500 Soil Mechanics</td>
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<td>CIVT 2350</td>
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<tr>
<td>ENGT(^1) Engineering Technical Elective</td>
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<tr>
<th>Semester IV (Spring)</th>
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<th>Term Offered</th>
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<th>Grade / Term Completed</th>
</tr>
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<tbody>
<tr>
<td>CIVT 2990 Capstone</td>
<td>3</td>
<td>Second-year status or consent of program coordinator</td>
<td>No</td>
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</tr>
<tr>
<td>ENGT(^1) Engineering Technical Elective</td>
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<td>No</td>
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<tr>
<td>ENST 1352(^2) Industrial Science</td>
<td>3</td>
<td>MATH 1010 or MATH 1050 or MATH 1130 or MATH 1530 or MATH 1630 or MATH 1710 or MATH 1720 or MATH 1730 or MATH 1830 or MATH 1910</td>
<td>No</td>
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<tr>
<td>HUM(^3) Humanities/Fine Arts Elective</td>
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<tr>
<td>SBS(^3) Social/Behavioral Sciences Elective</td>
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### Total Credit Hours Needed for Graduation: 60-61

1\(^{ENGT}\)
Chosen from ARCT 1220, ARCT 1710, ARCT 2500, CADD 1300, CADD 1650, CADD 2110, CIVT 2550, METC 1310, WELD 1381; see advisor to determine course selection.

2\(^{ENST}\)
Students not transferring to a 4-year institution may take ENST 1352. Students transferring to a 4-year institution must take PHYS 2010 to meet transfer requirements.

3\(^{HUM/FA / SBS}\)
See the list of General Education electives below.
2019-2020 General Education Electives by Category

♦ This is a General Education course transferable within the Tennessee Board of Regents System.
★ This course is directly equivalent to a course at the University of Tennessee, Knoxville.

Communication
- COMM 2025 - Fundamentals of Communication ♦
- COMM 2045 - Public Speaking ♦★
- ENGL 1010 - English Composition I ♦★
- ENGL 1020 - English Composition II ♦★

Humanities/Fine Arts
- ART 2010 - Art History Survey I ♦★
- ART 2020 - Art History Survey II ♦★
- ENGL 2035 - Introduction to Fiction ♦★
- ENGL 2055 - African-American Literature ♦★
- ENGL 2110 - Early American Literature ♦★
- ENGL 2120 - Modern American Literature ♦★
- ENGL 2150 - Appalachian Literature ♦
- ENGL 2210 - Early British Literature ♦★
- ENGL 2220 - Modern British Literature ♦★
- ENGL 2310 - Early World Literature ♦★
- ENGL 2320 - Modern World Literature ♦★
- ENGL 2510 - Introduction to Poetry ♦★
- ENGL 2520 - Introduction to Drama ♦★
- ENGL 2860 - Introduction to Film ♦★ (ENGL 2860 will not fulfill a literature elective.)
- MUS 1030 - Music Appreciation ♦★
- MUS 1035 - History of Jazz ♦
- PHIL 1030 - Introduction to Philosophy ♦★
- PHIL 1040 - Introduction to Ethics ♦★
- PHIL 1300 - Critical Thinking ♦★
- PHIL 1500 - Philosophy & Film ♦
- PHIL 2200 - Introduction to World Religions ♦★
- PHO 1200 - History of Photography ♦
- THEA 1030 - Introduction to Theatre ♦★

Mathematics
- MATH 1010 - Math for General Studies ♦★
- MATH 1050 - Trigonometric Applications ♦
- MATH 1130 - College Algebra ♦★
- MATH 1530 - Introductory Statistics ♦★
- MATH 1630 - Finite Mathematics ♦★
- MATH 1710 - Precalculus Algebra ♦★
- MATH 1720 - Precalculus Trigonometry ♦★
- MATH 1730 - Precalculus ♦★
- MATH 1830 - Applied Calculus ♦★
- MATH 1910 - Calculus I ♦★

Natural Sciences
- BIOL 1110 - General Biology I ♦★
- BIOL 1120 - General Biology II ♦★
- BIOL 2010 - Human Anatomy & Physiology I ♦★
- BIOL 2020 - Human Anatomy & Physiology II ♦★
- BIOL 2310 - General Botany I ♦★
- BIOL 2320 - General Botany II ♦★
- CHEM 1010 - Introductory Chemistry I ♦★
- CHEM 1020 - Introductory Chemistry II ♦★
- CHEM 1050 - Concepts of Chemistry ♦
- CHEM 1110 - General Chemistry I ♦★
- CHEM 1120 - General Chemistry II ♦★
- GEOL 1040 - Physical Geology ♦★
- GEOL 1050 - Historical Geology ♦★
- GEOL 1300 - Environmental Science W/Lab ♦★
- PHYS 1070 - Concepts of Physics ♦
- PHYS 2010 - Non-Calculus Physics I ♦★
- PHYS 2020 - Non-Calculus Physics II ♦★
- PHYS 2110 - Calculus Based Physics I ♦★
- PHYS 2120 - Calculus Based Physics II ♦★

Social/Behavioral Sciences
- AAST 2200 - African-American Studies ♦★
- ANTH 1230 - Introduction to Cultural Anthropology ♦★
- ECON 2100 - Principles of Macroeconomics ♦★
- ECON 2200 - Principles of Microeconomics ♦★
- GEOG 1000 - Introduction to Geography ♦
- PHED 1100 - Concepts of Wellness ♦
- POLS 1010 - Introduction to Political Science ♦★
- POLS 1030 - American Government ♦★
- PSYC 1030 - Introduction to Psychology ♦★
- PSYC 2100 - Psychology of Human Development ♦★
- PSYC 2120 - Social Psychology ♦
- PSYC 2130 - Lifespan Psychology ♦★
- PSYC 2210 - Biological Basis of Behavior ♦
- SOCI 1010 - Introduction to Sociology ♦★
- SOCI 1040 - Social Problems ♦★
- WGST 2050-Introduction to Women/Gender Studies★★

Revised: March 28, 2019 for AAS Checklists