

Construction Engineering Technology
Louisiana Tech University

| FRESHMAN YEAR | | | | | |
|---------------------------------|----|--|----|---|----|
| Fall Quarter | Hr | Winter Quarter | Hr | Spring Quarter | Hr |
| MATH 101 * College Algebra | 3 | MATH 112 * Trigonometry | 3 | CVEN 254 Plane Surveying | 3 |
| ENGL 101 Freshman Composition I | 3 | ENGL 102 Freshman Composition II | 3 | CVTE 100 * Introduction to Construction | 3 |
| FYE 100 The Experience | 1 | COMM 101 □ Principles of Communication | 3 | PHYS 209 General Physics I | 3 |
| Life Science Elective‡ | 3 | Fine Arts Appreciation | 3 | STAT 200 Basic Statistics | 3 |
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| | 10 | | 12 | | 12 |

| SOPHOMORE YEAR | | | | | |
|---|----|--------------------------------|----|--|----|
| Fall Quarter | Hr | Winter Quarter | Hr | Spring Quarter | Hr |
| CVEN 358 Surveying for Engr. & Construction | 3 | ENGL 303 Technical Writing | 3 | BLAW 255 Legal Environment of Business | 3 |
| MEMT 206 * Statics & Strength of Materials | 3 | INEN 300 Engineering Economics | 2 | CVTE 210 Basic Hydraulics | 3 |
| PHYS 210 General Physics II | 3 | MATH 220 Applied Calculus | 3 | ECON 201 Principles of Macroeconomics | 3 |
| PHYS 261 General Physics Lab | 1 | | | or 202 Principles of Microeconomics | |
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| | 10 | | 8 | | 9 |

| JUNIOR YEAR | | | | | |
|--|----|---|----|---|----|
| Fall Quarter | Hr | Winter Quarter | Hr | Spring Quarter | Hr |
| CVTE 372 Structural Mechanics & Analysis | 3 | CVEN 302 Civil Engr. Construction Materials | 3 | ACCT 201 Principles of Financial Accounting | 3 |
| MGMT 310 Management of Organizations | 3 | CVEN 256 Construction Data Modeling | 3 | Directed Elective◇ | 3 |
| Humanity† | 3 | CVTE 471 Reinforced Concrete | 3 | Social Science** | 3 |
| | | Directed Elective◇ | 3 | | |
| | | | | | |
| | 9 | | 12 | | 9 |

| SENIOR YEAR | | | | | |
|---|----|---------------------------------------|----|--|----|
| Fall Quarter | Hr | Winter Quarter | Hr | Spring Quarter | Hr |
| CVEN 435 Const Contracts, Planning & Spec | 3 | CVEN 437 Contracts and Specifications | 3 | CVTE 473 Design of Structures | 3 |
| CVEN 438 Estimating | 3 | CVEN 436 Const Equipment & Methods | 3 | CVTE 493 Capstone for Construction Project | 3 |
| CVTE 475 Soils in Construction | 3 | Business/Management Elective‡ | 3 | Directed Elective◇ | 3 |
| Directed Elective◇ | 3 | | | | |
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| | 12 | | 9 | | 9 |

* Requires grade of "C" or higher.

□ Must be taken within first year of enrollment.

Courses in **bold** are *typically* offered only once per year.

**Social Science electives can be selected from Anthropology, Criminal Justice, Economics, Geography, International Studies, Interdisciplinary, Political Science, Psychology, and Sociology.

†Humanities electives can be selected from Classical Studies, Communications, Foreign Languages, History, Literature, Philosophy, Religious Studies, Interdisciplinary.

◇Directed Electives chosen in consultation with academic advisor.

‡ Life Science and Business/Management courses chosen in consultation with academic advisor.

Reviewed Aug. 2022