INDUSTRIAL TECHNOLOGY
CONSTRUCTION OPTION

Transfer Preparation

COMMON LOWER DIVISION PREPARATION FOR THE CALIFORNIA STATE UNIVERSITY

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH 150</td>
<td>Pre-Calculus Math</td>
</tr>
<tr>
<td>MATH 170</td>
<td>Analytic Geometry and Calculus I</td>
</tr>
<tr>
<td>PHYS 101</td>
<td>General Physics</td>
</tr>
<tr>
<td>PHYS 102</td>
<td>General Physics</td>
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ADDITIONAL LOWER DIVISION REQUIREMENTS FOR SPECIFIC TRANSFER INSTITUTIONS

California State University – Long Beach (Construction Engineering Transfer Management)

ACCT 101 | Fundamentals of Accounting I | 4
or ACCT 240 | Cost Accounting | (4)
ENGT 237 | Graphical Statics and Strength of Materials | 3
LAW 111 | Business Law | 3
MATH 112 | Elementary Statistics | 4

NOTE: To be considered for admission to the major, students must have a minimum 2.5 GPA and complete MATH 170 and PHYS 101 with grade "C" or better.

California State University- Northridge (Construction Management Technology)

ACCT 101 | Fundamentals of Accounting | 4
CIS 101 | Introduction to Computer Information Systems | 3
ECON 202 | Principles of Microeconomics | 3
or ECON 202M | Principles of Microeconomics | (3)
GEOL 101 | Physical Geology | 4
or BIOL 201 | Principles of Biology | (5)
LAW 111 | Business Law | 3
MATH 190 | Analytic Geometry and Calculus II | 4

California State Polytechnic University – Pomona (Construction Engineering Transfer Technology)

ARCH 121 | Architectural Drafting and Design II | 3
CHEM 111 | General Chemistry | 5
CIS 180 | Programming in C/C++ | 3
or CIS 178 | Programming in FORTRAN | (3)
ENGT 131 | Design Fundamentals Including AutoCAD | 4
or ENGT 138 | AutoCAD | (4)
or ENGT 153 | Machine Design with AutoCAD | (3)
MATH 190 | Analytic Geometry and Calculus II | 4

ASSOCIATE IN ARTS DEGREE REQUIREMENTS: Complete 60 units to include (1) Common Lower Division Preparation, (2) electives as needed, and (3) the Associate in Arts Degree requirements.

CAREER OPPORTUNITIES: Construction Engineering Technology (CET) graduates work with owners, developers, architects, engineers, (civil, mechanical, and electrical), building departments, governmental agencies, contractors, and subcontractors to implement a variety of construction projects. Job titles include field engineer, project engineer, superintendent, as well as estimator, scheduler, and project manager.

IMPORTANT NOTICE: The requirements listed for major are subject to change without notice. It is the student’s responsibility to check for the most recent information with a Cerritos College counselor or by consulting ASSIST at www.assist.org. NOTE: Courses listed may require prerequisite coursework.

See Cerritos College Graduation Requirements.
See State University General Education List.

“This is an unofficial document—See Cerritos College Catalog for official document” Revised Spring 2013