Build Your Path to Promotion

The U.S. Department of Labor projects a 13 percent increase in jobs for construction laborers and 5 percent growth for construction managers through 2024. The demand for skilled professionals and construction managers is high with over 400,000 jobs posted in the last 12 months. Whether you’re already part of this rapidly growing industry or seeking a foothold, taking part in one of SDSU’s online construction programs can put you in a position to succeed in the construction industry.

Choose from Five Professional Certificate Programs and Two Introductory Courses, All Fully Online

Introductory Construction Courses
Learn basic skills to jumpstart your career in one of two online introductory construction courses.

Civil Sitework
Learn how to select, use, and budget for transforming a plot of land into a developed site.

Construction Estimating
Get an overview of basic and advanced principles of construction estimating and bidding.

Construction Practices
Learn blueprint reading, estimating, scheduling, and the legal aspects of construction.

Construction Project Management
Learn how to manage a variety of projects through all stages—from proposal to timely and cost-effective completion.

Construction Supervision
Learn how to plan, prepare, and update project schedules; work with contract documents.

All programs are offered in cooperation with the Associated General Contractors of America.

The Certificate in Construction Estimating courses are endorsed by the San Diego Chapter of the American Society of Professional Estimators.

Want to Learn More?
For more information, please contact your Student Service Coordinator at recruiter.global@sdsu.edu.

https://ces.sdsu.edu/construction
## Construction Intro Courses (Optional introductory courses)

<table>
<thead>
<tr>
<th>Core Courses</th>
<th>SPR 2024</th>
<th>SPR 2024</th>
<th>SU 2024</th>
<th>FA 2024</th>
</tr>
</thead>
</table>

### Introduction to Construction (1-unit)
- ENGR 16

### Introduction to Concrete (1-unit)
- ENGR 17

## Professional Certificate in Civil Sitework Construction
(Complete four core classes + one elective)

<table>
<thead>
<tr>
<th>Core Courses (complete all 4)</th>
<th>SPR 2024</th>
<th>SPR 2024</th>
<th>SU 2024</th>
<th>FA 2024</th>
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</thead>
</table>

### Construction Equipment & Methods
- ENGR 43

### Practical Applications of Heavy Civil Construction
- ENGR 44
  - 4/8–6/16 9/16–11/24

### Estimating Civil and Sitework Construction
- ENGR 45
  - 1/15–3/24 6/24–9/1

### Civil Blueprint Reading and Materials
- ENGR 46
  - 6/24–9/1

### Elective Courses (complete one)
- Contract Documents & Construction Law
  - ENGR 31
    - 6/24–9/1
- Planning and Scheduling
  - ENGR 32

## Professional Certificate in Construction Estimating
(Complete five of eight courses)

<table>
<thead>
<tr>
<th>Core Courses</th>
<th>SPR 2024</th>
<th>SPR 2024</th>
<th>SU 2024</th>
<th>FA 2024</th>
</tr>
</thead>
</table>

### Introduction to Construction Estimating
- (self-paced)
  - ENGR 34

### Essential Construction Math
- (self-paced)
  - ENGR 35

### Construction Blueprint Reading
- ENGR 33

### Estimating & Bidding
  - I ENGR 21

### Estimating & Bidding II
- ENGR 22

### Construction Materials & Processes
- ENGR 18

### Planning and Scheduling
- ENGR 32

### Estimating Civil and Sitework Construction
- ENGR 45
  - 1/15–3/24 6/24–9/1

### Elective Courses (complete two in chosen area of emphasis)
- Leadership & Motivation
  - ENGR 28

### Oral & Written Communication
- ENGR 30
  - 1/15–3/24 6/24–9/1

### Contract Documents & Construction Law
- ENGR 31
  - 6/24–9/1

### Planning and Scheduling
- ENGR 32

### Problem Solving & Risk Management
- ENGR 48
  - 4/8–6/16 9/16–11/24

### Construction Productivity and Cost Mgmt
- ENGR 49
  - 4/8–6/16 9/16–11/24

## Professional Certificate in Construction Management
(Complete all five core courses + one elective)

<table>
<thead>
<tr>
<th>Core Courses (complete all 5)</th>
<th>SPR 2024</th>
<th>SPR 2024</th>
<th>SU 2024</th>
<th>FA 2024</th>
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</thead>
</table>

### Planning and Scheduling
- ENGR 32

### Building Green Buildings: The Contractor’s Perspective
- ENGR 38
  - 1/15–3/24 6/24–9/1

### Construction Equipment & Methods
- ENGR 43

### Construction Project Management
- ENGR 47
  - 4/8–6/16 9/16–11/24

### Practical Applications of Construction Law
- ENGR 50
  - 4/8–6/16 9/16–11/24

### Elective Courses
- Problem Solving & Risk Management
  - ENGR 48
    - 4/8–6/16 9/16–11/24

### Construction Productivity and Cost Mgmt
- ENGR 49
  - 4/8–6/16 9/16–11/24

## Professional Certificate in Construction Supervision
(Complete six core classes + two electives in area of emphasis)

<table>
<thead>
<tr>
<th>Core Courses (complete all six)</th>
<th>SPR 2024</th>
<th>SPR 2024</th>
<th>SU 2024</th>
<th>FA 2024</th>
</tr>
</thead>
</table>

### Leadership & Motivation
- ENGR 28

### Oral & Written Communication
- ENGR 30
  - 1/15–3/24 6/24–9/1

### Contract Documents & Construction Law
- ENGR 31
  - 6/24–9/1

### Planning and Scheduling
- ENGR 32

### Problem Solving & Risk Management
- ENGR 48
  - 4/8–6/16 9/16–11/24

### Construction Productivity and Cost Mgmt
- ENGR 49
  - 4/8–6/16 9/16–11/24

### Elective Courses (complete two in chosen area of emphasis)
- Emphasis in Civil Sitework
  - Construction Equipment & Methods
    - ENGR 43

### Emphasis in Building
- Building Green Buildings: The Contractor’s Perspective
  - ENGR 38
    - 1/15–3/24 6/24–9/1

### Construction Project Management
- ENGR 47
  - 4/8–6/16 9/16–11/24

## Course Fees

**Introductory Course Fee** — $230  
**Certificate Course Fee** — $690  
**Textbooks:** Approximately $100–$150 per class  
**Tuition Reimbursement**  
LD: Last day to register

### Tuition Reimbursement

Many construction companies have training dollars available. If you work in the industry, ask your employer about tuition reimbursement. Additionally, our five construction certificate programs are Workforce Partnership-Approved and eligible for tuition assistance under the Federal Workforce Innovation And Opportunity Act (WOIA). Learn more at https://gc.sdsu.edu/workforceprograms.

For more information, please contact your Student Service Coordinator at globalcampus@sdsu.edu. For an online demo, go to https://constructionclasses.com/construction-students/potential-students/.