

# Online Professional Certificates in Construction



## Fall 2024

Sept. 16–Nov. 24

**Last day to register:** Sept. 23

## Spring I 2025

Jan. 13–March 23

**Last day to register:** Jan. 20

## Spring II 2025

April 7–June 15

**Last day to register:** April 14

## Summer 2025

June 24–Sept. 1

**Last day to register:** July 1



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.

## Build Your Path to Promotion

According to the U.S. Department of Labor, the construction industry hit record highs in June 2024 with more than 8 million employees across the country. 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.

## Five Certificate Programs. Two Intro Courses. 100% 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.

Courses may be taken individually. All courses are online. For an online demo, go to <https://constructionclasses.com/construction-students/potential-students/>.

### Want to Learn More?

For more information, please contact SDSU Global Campus at [recruiter.global@sdsu.edu](mailto:recruiter.global@sdsu.edu).

8/30/24

Construction Intro Courses (Optional introductory courses)				
Core Courses	FA 2024 LD: 9/23	SP1 2024 LD: 1/20	SP2 2024 LD: 4/15	SU 2025 LD: 7/1
Introduction to Construction (1-unit) ENGR 16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Introduction to Concrete (1-unit) ENGR 17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Professional Certificate in Civil Sitework Construction (Complete four core classes + one elective)				
Core Courses (complete all 4)	FA 2024 LD: 9/23	SP1 2024 LD: 1/20	SP2 2024 LD: 4/15	SU 2025 LD: 7/1
Construction Equipment & Methods ENGR 43	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Practical Applications of Heavy Civil Construction ENGR 44	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Estimating Civil and Sitework Construction ENGR 45	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Civil Blueprint Reading and Materials ENGR 46	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Elective Courses (complete one)				
Contract Documents & Construction Law ENGR 31	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Planning and Scheduling ENGR 32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Professional Certificate in Construction Estimating (Complete five of eight courses)				
Core Courses	FA 2024 LD: 9/23	SP1 2024 LD: 1/20	SP2 2024 LD: 4/15	SU 2025 LD: 7/1
Introduction to Construction Estimating (self-paced) ENGR 34	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Essential Construction Math (self-paced) ENGR 35	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Blueprint Reading ENGR 33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Estimating & Bidding I ENGR 21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Estimating & Bidding II ENGR 22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Materials & Processes ENGR 18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Planning and Scheduling ENGR 32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Estimating Civil and Sitework Construction ENGR 45	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Professional Certificate in Construction Practices (Complete any eight of 10 courses)				
Core Courses	FA 2024 LD: 9/23	SP1 2024 LD: 1/20	SP2 2024 LD: 4/15	SU 2025 LD: 7/1
Construction Materials & Processes ENGR 18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Estimating & Bidding I ENGR 21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Estimating & Bidding II ENGR 22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Contract Documents & Construction Law ENGR 31	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Planning and Scheduling ENGR 32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Blueprint Reading ENGR 33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Introduction to Construction Estimating (self-paced) ENGR 34	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Essential Construction Math (self-paced) ENGR 35	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Building Green Buildings: The Contractor's Perspective ENGR 38	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Productivity and Cost Mgmt ENGR 49	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Professional Certificate in Construction Project Management (Complete all five core courses + one elective)				
Core Courses (complete all five)	FA 2024 LD: 9/23	SP1 2024 LD: 1/20	SP2 2024 LD: 4/15	SU 2025 LD: 7/1
Planning and Scheduling ENGR 32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Building Green Buildings: The Contractor's Perspective ENGR 38	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Equipment & Methods ENGR 43	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Project Management ENGR 47	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Practical Applications of Construction Law ENGR 50	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Elective Courses				
Contract Documents & Construction Law ENGR 31	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Problem Solving & Risk Management ENGR 48	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Construction Productivity and Cost Mgmt ENGR 49	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Professional Certificate in Construction Supervision (Complete six core classes + two electives in area of emphasis)				
Core Courses (complete all six)	FA 2024 LD: 9/23	SP1 2024 LD: 1/20	SP2 2024 LD: 4/15	SU 2025 LD: 7/1
Leadership & Motivation ENGR 28	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Oral & Written Communication ENGR 30	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Contract Documents & Construction Law ENGR 31	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Planning and Scheduling ENGR 32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Problem Solving & Risk Management ENGR 48	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Construction Productivity and Cost Mgmt ENGR 49	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Elective Courses (complete two in chosen area of emphasis)				
Emphasis in Civil Sitework				
Construction Equipment & Methods ENGR 43	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Practical Applications of Heavy Civil Construction ENGR 44	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emphasis in Building				
Building Green Buildings: The Contractor's Perspective ENGR 38	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Project Management ENGR 47	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## Course Fees

**Introductory Course Fee:** \$230 | \$249 (Spring 2025 onwards)  
**Certificate Course Fee:** \$690 | \$747 (Spring 2025 onwards)  
**Textbooks:** Approximately \$100–\$150 per class (Subject to change)  
**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 may be Workforce Partnership-Approved and eligible for tuition assistance under the Federal Workforce Innovation And Opportunity Act (WIOA). Learn more at <https://gc.sdsu.edu/workforceprograms>.

For more information, please contact SDSU Global Campus at [recruiter.global@sdsu.edu](mailto:recruiter.global@sdsu.edu).