

Online Professional Certificates in Construction

Construction Introductory Courses

(Not required for certificates)

Course Name/Course No.	SP1 2020 LD: 1/17	SP2 2020 LD: 4/13	SU 2020 LD: 7/6	FA 2020 LD: 9/14
Introduction to Construction ENGR 16	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Introduction to Concrete ENGR 17		4/6–6/14	6/29–9/6	9/8–11/16

Professional Certificate in Civil Sitework Construction

(Complete four core classes + one elective)

Core Courses	SP1 2020 LD: 1/17	SP2 2020 LD: 4/13	SU 2020 LD: 7/6	FA 2020 LD: 9/14
Construction Equipment & Methods ENGR 43	1/13–3/22		6/29–9/6	
Practical Applications of Civil Sitework ENGR 44		4/6–6/14		9/8–11/16
Estimating Civil and Sitework Construction ENGR 45	1/13–3/22		6/29–9/6	
Civil Blueprint Reading and Materials ENGR 46		4/6–6/14		9/8–11/16

Elective Courses

Contract Documents & Construction Law ENGR 31	1/13–3/22		6/29–9/6	
Planning and Scheduling ENGR 32	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16

Professional Certificate in Construction Estimating

(Complete any five of six courses)

Course Name/Course No.	SP1 2020 LD: 1/17	SP2 2020 LD: 4/13	SU 2020 LD: 7/6	FA 2020 LD: 9/14
Introduction to Construction Estimating ENGR 34 (self-paced)	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Essential Construction Math ENGR 35 (self-paced)	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Construction Blueprint Reading ENGR 33	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Estimating & Bidding I ENGR 21	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Estimating & Bidding II ENGR 22	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Construction Materials & Processes ENGR 18	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16

Professional Certificate in Construction Practices

(Complete any eight of 10 courses)

Course Name/Course No.	SP1 2020 LD: 1/17	SP2 2020 LD: 4/13	SU 2020 LD: 7/6	FA 2020 LD: 9/14
Introduction to Construction Estimating ENGR 34 (self-paced)	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Essential Construction Math ENGR 35 (self-paced)	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Construction Blueprint Reading ENGR 33	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Estimating & Bidding I ENGR 21	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Estimating & Bidding II ENGR 22	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Construction Materials & Processes ENGR 18	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Contract Documents & Construction Law ENGR 31	1/13–3/22		6/29–9/6	
Planning and Scheduling ENGR 32	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Building Green Buildings: The Contractor's Perspective ENGR 38	1/13–3/22		6/29–9/6	
Construction Productivity and Cost Management ENGR 49 (previously ENGR 41)		4/6–6/14		9/8–11/16

Professional Certificate in Construction Project Management

(Complete all five core courses + one elective)

Core Courses (complete all five)	SP1 2020 LD: 1/17	SP2 2020 LD: 4/13	SU 2020 LD: 7/6	FA 2020 LD: 9/14
Construction Project Management ENGR 47		4/6–6/14		9/8–11/16
Planning and Scheduling ENGR 32	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Building Green Buildings: The Contractor's Perspective ENGR 38	1/13–3/22		6/29–9/6	
Construction Equipment & Methods ENGR 43	1/13–3/22		6/29–9/6	
Practical Applications of Construction Law ENGR 50		4/6–6/14		9/8–11/16

Elective Courses (complete one of three)

Problem Solving & Risk Management ENGR 48		4/6–6/14		9/8–11/16
Contract Documents & Construction Law ENGR 31	1/13–3/22		6/29–9/6	
Construction Productivity and Cost Management ENGR 49		4/6–6/14		9/8–11/16

Professional Certificate in Construction Supervision

(Complete six core classes + two electives in area of emphasis)

Core Courses (complete all six)	SP1 2020 LD: 1/17	SP2 2020 LD: 4/13	SU 2020 LD: 7/6	FA 2020 LD: 9/14
Leadership & Motivation ENGR 28		4/6–6/14		9/8–11/16
Oral & Written Communication ENGR 30	1/13–3/22		6/29–9/6	
Problem Solving & Risk Management ENGR 48 (previously ENGR 29)		4/6–6/14		9/8–11/16
Contract Documents & Construction Law ENGR 31	1/13–3/22		6/29–9/6	
Planning and Scheduling ENGR 32	1/13–3/22	4/6–6/14	6/29–9/6	9/8–11/16
Construction Productivity and Cost Management ENGR 49 (previously ENGR 41)		4/6–6/14		9/8–11/16

Elective Courses (complete two in chosen area of emphasis)

Emphasis in Civil Sitework	SP1 2020 LD: 1/17	SP2 2020 LD: 4/13	SU 2020 LD: 7/6	FA 2020 LD: 9/14
Construction Equipment & Methods ENGR 43	1/13–3/22		6/29–9/6	
Practical Applications of Civil Sitework ENGR 44		4/6–6/14		9/8–11/16
Emphasis in Building				
Building Green Buildings: The Contractor's Perspective ENGR 38	1/13–3/22		6/29–9/6	
Construction Project Management ENGR 47		4/6–6/14		9/8–11/16

Course Fees

Introductory Course Fee — \$216

Certificate Course Fee — \$648

Textbooks: Approximately \$100–\$150 per class

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.

Online Professional Certificates in Construction



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.

Spring I 2020

Jan. 13–March 22

Last day to register: Jan. 17

Summer 2020

June 29–Sept. 6

Last day to register: July 6

Spring II 2020

April 6–June 14

Last day to register: April 13

Fall 2020

Sept. 8–Nov. 16

Last day to register: Sept. 14



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.

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.

**Courses may be taken individually. All courses are online.
Spring I 2020 Session is Jan. 13–March 22 | Register by Jan. 17**

Questions? Please call (619) 594-0845, email construction.ces@sdsu.edu, or visit our FAQ page at neverstoplearning.net/constructionFAQS. For an online demo, go to constructionclasses.com/potential_student.htm.

neverstoplearning.net/construction



SAN DIEGO STATE
UNIVERSITY

World Campus