

Online Professional Certificates in Construction



New Introductory Courses Coming January 2020

According to the U.S. Department of Labor, the construction industry is booming and is projected to grow between 5–13% through 2024. As one of the largest industries in the U.S., 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 the industry or seeking a foothold, choose from our five online construction certificate programs to make yourself indispensable.

Choose from Five Professional Certificate Programs

- Civil Sitework
- Construction Estimating
- Construction Practices
- Construction Project Management
- Construction Supervision

Register Now for Courses Starting Sept. 9

Please see the fall course schedule on the back of this flyer. All courses are offered online with a course fee of \$648. To register, go to neverstoplearning.net/construction and select the program you are interested in. Last day to register for fall courses is Sept. 16.

New 1-Unit Introductory Courses Start in January

Do you want to learn more about the construction industry before enrolling in a certificate program? We're offering two new introductory courses to give you an overview of the field. Classes are online and self-paced. The course fee is \$219.

Introduction to Construction

Jan. 13–March 22 | Last day to register is Jan. 17
April 6–June 14 | Last day to register is April 13

Introduction to Concrete

April 6–June 14 | Last day to register is April 13

Registration for these new courses will open soon. Check back often at neverstoplearning.net/construction, or contact us at (619) 594-0845 or construction.ces@sdsu.edu.



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.

Visit our FAQ page at neverstoplearning.net/constructionFAQS.

For an online demo, go to constructionclasses.com/potential_student.htm.

Questions? Please call (619) 594-0845 or email construction.ces@sdsu.edu.

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Construction Introductory Courses

| Courses | FA 2019 | SP1 2020 | SP2 2020 |
|---|---------|-----------|----------|
| ENGR 16 Introduction to Construction (self-paced) | | 1/13-3/22 | 4/6-6/14 |
| ENGR 17 Introduction to Concrete (self-paced) | | | 4/6-6/14 |

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

| Core Courses | FA 2019 | SP1 2020 | SP2 2020 |
|--|-----------|-----------|----------|
| ENGR 47 Construction Project Management | 9/9-11/24 | | 4/6-6/14 |
| ENGR 32 Planning and Scheduling | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 38 Building Green Buildings: The Contractor's Perspective | | 1/13-3/22 | |
| ENGR 43 Construction Equipment and Methods | | 1/13-3/22 | |
| ENGR 50 Practical Applications of Construction Law | 9/9-11/24 | | 4/6-6/14 |
| Elective Courses (complete one of three) | | | |
| ENGR 48 Problem Solving and Risk Management | 9/9-11/24 | | 4/6-6/14 |
| ENGR 31 Contract Documents and Construction Law | | 1/13-3/22 | |
| ENGR 49 Construction Productivity and Cost Management | 9/9-11/24 | | 4/6-6/14 |

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

| Core Courses | FA 2019 | SP1 2020 | SP2 2020 |
|---|-----------|-----------|----------|
| ENGR 28 Leadership and Motivation | 9/9-11/24 | | 4/6-6/14 |
| ENGR 30 Oral and Written Communication | | 1/13-3/22 | |
| ENGR 48 Problem Solving and Risk Management | 9/9-11/24 | | 4/6-6/14 |
| ENGR 31 Contract Documents and Construction Law | | 1/13-3/22 | |
| ENGR 32 Planning and Scheduling | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 49 Construction Productivity and Cost Management | 9/9-11/24 | | 4/6-6/14 |
| Elective Courses (complete two in chosen area of emphasis) | | | |
| Emphasis in Civil Sitework | | | |
| ENGR 43 Construction Equipment and Methods | | 1/13-3/22 | |
| ENGR 44 Practical Applications of Civil Sitework | 9/9-11/24 | | 4/6-6/14 |
| Emphasis in Building | | | |
| ENGR 38 Building Green Buildings: The Contractor's Perspective | | 1/13-3/22 | |
| ENGR 47 Construction Project Management | 9/9-11/24 | | 4/6-6/14 |

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

| Core Courses | FA 2019 | SP1 2020 | SP2 2020 |
|--|-----------|-----------|----------|
| ENGR 43 Construction Equipment and Methods | | 1/13-3/22 | |
| ENGR 44 Practical Applications of Civil Sitework | 9/9-11/24 | | 4/6-6/14 |
| ENGR 45 Estimating Civil Construction | | 1/13-3/22 | |
| ENGR 46 Civil Blueprint Reading and Materials | 9/9-11/24 | | 4/6-6/14 |
| Elective Courses (complete either one) | | | |
| ENGR 31 Contract Documents and Construction Law | | 1/13-3/22 | |
| ENGR 32 Planning and Scheduling | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |

Professional Certificate in Construction Estimating (Complete any five of six courses)

| Courses | FA 2019 | SP1 2020 | SP2 2020 |
|--|-----------|-----------|----------|
| ENGR 34 Introduction to Construction Estimating (self-paced) | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 35 Essential Construction Math (self-paced) | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 33 Construction Blueprint Reading | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 21 Estimating and Bidding I | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 22 Estimating and Bidding II | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 18 Construction Materials and Processes | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |

Professional Certificate in Construction Practices (Complete any eight of 10 courses)

| Courses | FA 2019 | SP1 2020 | SP2 2020 |
|--|-----------|-----------|----------|
| ENGR 34 Introduction to Construction Estimating (self-paced) | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 35 Essential Construction Math (self-paced) | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 33 Construction Blueprint Reading | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 21 Estimating and Bidding I | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 22 Estimating and Bidding II | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 18 Construction Materials and Processes | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
| ENGR 31 Contract Documents and Construction Law | | 1/13-3/22 | |
| ENGR 32 Planning and Scheduling | 9/9-11/24 | 1/13-3/22 | 4/6-6/14 |
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| ENGR 49 Construction Productivity and Cost Management | 9/9-11/24 | | 4/6-6/14 |

Textbooks: Approximately \$100-\$150/class