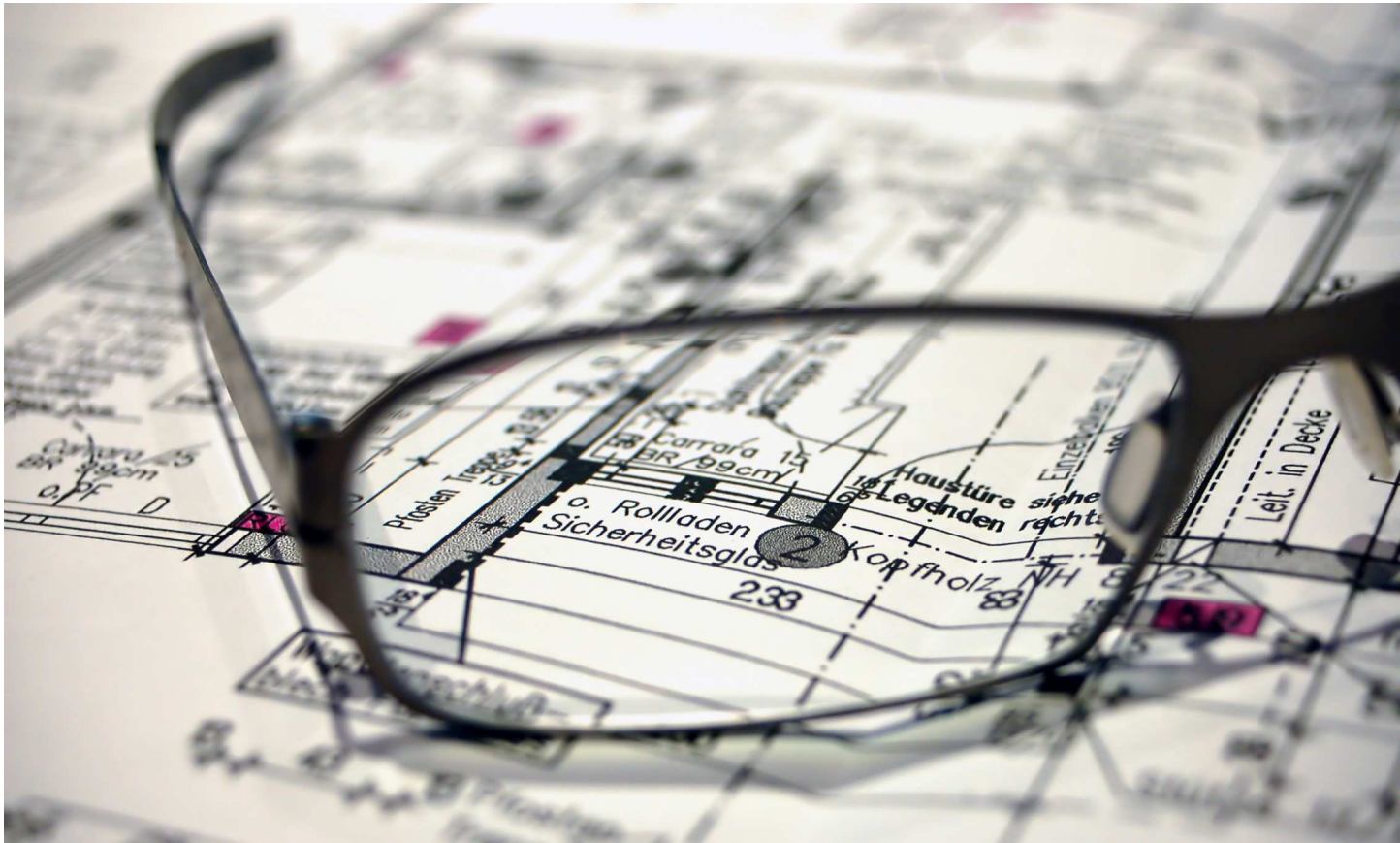


# The Graduate Certificate in Construction Management

Entirely Online and In Class



Department of Civil and Environmental Engineering

Newark College of Engineering

**New Jersey Institute of Technology**

## WHY PURSUE A GRADUATE CERTIFICATE IN CONSTRUCTION MANAGEMENT?

Construction managers plan, direct, and coordinate a wide variety of construction projects, including the building of all types of residential, commercial, and industrial structures, roads, bridges, wastewater treatment plants, schools, and hospitals. Construction managers can expect excellent employment opportunities throughout the next decade, as the increasing complexity of projects boosts the demand for management-level personnel within the construction industry. Sophisticated technology and the proliferation of laws setting standards for buildings and construction materials, worker safety, energy efficiency, and environmental protection have further complicated the construction process. Advances in building materials and construction methods, the need to replace portions of the Nation's infrastructure, and the growing number of multipurpose buildings and energy-efficient structures will further add to the demand for more construction managers.

## WHY STUDY CONSTRUCTION MANAGEMENT AT NJIT?

The program draws from NJIT's expertise in both civil engineering and engineering management to provide students with the technical background and the management skills required to succeed in construction management.

### WHAT WILL I LEARN?

This certificate teaches managerial aspects of contracting and the study of an individual firm in relation to the entire construction industry. Topics include contractor organization and management, legal aspects of construction, and financial planning. In addition, this graduate certificate will allow professionals to focus on the legal aspect of environmental engineering including ethical and intellectual property issues.

### WHAT COURSES ARE OFFERED?

*Required: Core Courses*

CE 610	Construction Management*
CE 616	Construction Cost Estimating*
EM 637	Project Control*

*Select one (1) from:*

EM 602	Management Science*
EM 631	Legal Aspects of Environmental Engineering*
EM 632	Legal Aspects of Construction Management*

*Complete course descriptions can be found in the NJIT Online Catalog at <http://catalog.njit.edu/graduate>.*

\*Now or shortly available online.

Courses are subject to change.

√ Take care to select courses in proper order. Check course descriptions, because they state if one course must be taken before (i.e.; is a prerequisite to) another.

### WHERE ARE THE CLASSES OFFERED?

The full credential can be studied **online** and at NJIT's Newark campus. Customized NJIT degrees and academic certificates can be brought on-site to your company or customized and conducted at a location convenient to a consortium of companies.

### IS FINANCIAL AID AVAILABLE

There may be sources of financial aid or tax credits available: <http://adultlearner.njit.edu/admissions/financialaid/index.php>

### WHAT IS THE TUITION FOR GRADUATE COURSES?

Use the tuition calculator to see full costs, and the fuel saving calculator to figure how much gas money is saved by studying **online**, visit: <http://adultlearner.njit.edu/admissions/financialaid>. Studying ONLINE, but live out-of-state? Benefit from the new **online tuition rate** just for you, visit: <http://online.njit.edu>.

### CAN THE GRADUATE CERTIFICATE CREDITS BE APPLIED TO AN ADVANCED DEGREE?

Courses in the Graduate Certificate in Construction Management can be wholly applied to NJIT's MS in Civil Engineering or MS in Engineering Management.

### HOW DOES THE GRADUATE CERTIFICATE PROGRAM WORK?

In any given year, NJIT offers a new slate of Graduate Certificates, each in a specific area which is in a fast growing and employable profession. Each stand-alone credential is a milestone in its own right and can be a 12-credit springboard to a matching Masters Degree program at NJIT or elsewhere. The credential can be completed in as little as one academic year of part time study. Many can be studied in whole or in part online. The straightforward and rapid admissions process requires possession of an undergraduate degree with a satisfactory grade point average. A GRE or GMAT score is not a pre-requisite. Depending on the program, courses can be taken online, on campus, or at NJIT extension sites around New Jersey. For a complete list of available Graduate Certificates, please visit: <http://www.njit.edu/gradcert>.

### BRINGING A GRADUATE CERTIFICATE TO YOUR COMPANY

Arrangements can be made to bring a Graduate Certificate or Master's program on-site to your company. A customized Graduate Certificate can also be offered to match your company's area of technological and managerial specialty. For more information about Company Collaborative Graduate Certificates or enrollment in any of our Graduate Certificates, please contact Continuing Professional Education.

### FOR FURTHER INFORMATION:

Division of Continuing Professional Education  
1-800-624-9850 (Toll Free)  
1-973-596-3060 (New Jersey)  
Email: [cpe@njit.edu](mailto:cpe@njit.edu)

### ON THE WEB:

<http://www.njit.edu/gradcert> / <http://cpe.njit.edu/mobi>

### APPLY ONLINE:

<http://adultlearner.njit.edu/admissions>