

EXECUTIVE CONSTRUCTION MANAGEMENT (ADVANCED CERTIFICATE)

NYSED: 21964 **HEGIS:** 0599.00 **CIP:** 14.3301

Program Description

After several years in the construction management field, you may find that you want to add even more value to your career — from figuring out how to improve financing to knowing which high-tech products best fit your construction projects to learning how to communicate with diverse client, worker, and public groups. The School of Engineering's Advanced Certificate program in Executive Construction Management (Exec 21) enables you to combine your longtime professional experience with structured coursework to elevate your career.

Even more, it allows you to earn formal certification in your field without having to commit full-time to an advanced degree program. We also welcome students who have already earned bachelor's or master's degrees but who wish to specialize in construction management.

Our students join esteemed faculty and industry professionals in studying effective leadership skills, as well as other topics critical to construction management. Classes are small, specialized, and widely respected throughout the industry — the program received an Academic Achievement Award from the Construction Management Association of America (CMAA), an honor shared by students and faculty alike.

Admissions

Admission to graduate programs in the Tandon School of Engineering requires the following minimum components:

- Résumé/CV
- Statement of Purpose
- Letters of Recommendation
- Transcripts
- Proficiency in English

The NYU Tandon Graduate Admissions website (<https://engineering.nyu.edu/admissions/graduate/apply/requirements/>) has additional information on school-wide admission.

Some programs may require additional components for admissions.

See the program's How to Apply (<https://engineering.nyu.edu/admissions/graduate/how-apply/>) for department-specific admission requirements and instructions.

Program Requirements

The advanced certificate requires the completion of 15 credits. A minimum of 9 credits must be selected from the Exec 21 Core Courses, and up to 6 credits may be selected from those courses that satisfy the Major Requirement (<https://bulletins.nyu.edu/graduate/engineering/programs/construction-management-ms/#curriculumtext>) for the Master of Science in Construction Management Program and are approved by a Construction Management Program Director.

Course	Title	Credits
Required Courses		
Select a minimum of nine credits from the following:		9
CE-GY 8703	Managing and Leading in the 21st Century	
CE-GY 8713	Construction and the Law	
CE-GY 8723	How to Succeed in Construction	
CE-GY 8733	Infrastructure Financing: Structuring of a Deal	
CE-GY 875X	Employer Focused Residency	
CE-GY 8763	Capital Program Management / Program Development	
CE-GY 8773	Dispute Avoidance and Resolution	
CE-GY 8783	Construction Management and Planning	
CE-GY 8803	Infrastructure Planning for Public Works	
Construction Management MS Requirement		
Select up to six credits of courses that satisfy the Major Requirement for the Master of Science in Construction Management:		6
Total Credits		15

Sample Plan of Study

Course	Title	Credits
1st Semester/Term		
Exec 21 Core Course		3
Exec 21 Core Course		3
Credits		6
2nd Semester/Term		
Exec 21 Core Course		3
Exec 21 Core or M.S. Construction Management Major Requirement Course		3
Credits		6
3rd Semester/Term		
Exec 21 Core or M.S. Construction Management Major Requirement Course		3
Credits		3
Total Credits		15

Learning Outcomes

Upon successful completion of the program, graduates will:

1. Learn management and leadership practices.
2. Learn how to apply innovative organizational, technological, planning, and financial tools to construction projects and programs.
3. Learn the importance of effective communication with all construction industry players.

Policies

Grade Requirements

Students must maintain a B (3.0) cumulative average in all graduate courses taken at NYU Tandon School of Engineering.

NYU Policies

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

Tandon Policies

Additional academic policies can be found on the Tandon academic policy page (<https://bulletins.nyu.edu/graduate/engineering/academic-policies/>).