

CONSTRUCTION MANAGEMENT (GRADUATE CERTIFICATE)

Contacts

Program Director: Gulbin Ozcan-Deniz, PhD, LEED AP BD+C

Email: Gulbin.Deniz@jefferson.edu

215-951-2914

Campus: East Falls

Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/architecture-and-the-built-environment/programs/graduate-certificates/construction-management.html>)

Program Description

- **STEM** designated program

The twelve-credit Graduate Certificate in Construction Management will train students to assume leadership roles within this increasingly multifaceted and cross-disciplinary industry. Construction Managers must demonstrate mastery of a broad spectrum of skill sets and knowledge bases to plan and supervise the construction process as applied to commercial, residential and infrastructural building projects. The mission of the Graduate Certificate in Construction Management is to provide students with a broad-based, practice-oriented understanding of construction technology, sustainable principles and business practices.

The target audience for this certificate program comprises two distinct groups. One group includes graduates of professional programs, including Architecture, Interior Architecture, Landscape Architecture, and Business Administration, seeking to build knowledge and credentials in the field of construction management; and the second group includes professionals already working in the construction industry who would like to update their knowledge of new and emerging techniques and concepts. Students will be able to take classes either online or on campus on a part-time basis to coordinate with work schedules.

Learning Goals/Outcomes

- Evaluate relevant cost, schedule, quality, and safety data; formulate and defend management decisions based on sound analysis
- Lead and/or effectively contribute to the success of complex project management teams of stakeholders such as owners, design professionals, code officials, colleagues and subordinates
- Formulate policies and procedures that anticipate challenges faced by construction project management teams
- Identify and evaluate the ethical choices faced by construction management professionals and formulate policies that promote ethical choices
- Foster and contribute in collaboration across all disciplines of construction project stakeholders and appreciate the benefit of collaboration.

Curriculum: 12 Credits

| Code | Title | Credits |
|------------------------|--------------------------------|-----------|
| Core Curriculum | | |
| CMGT 600 | Constructn Estimatr & Schedn | 3 |
| CMGT 603 | Const Law: Roles & Responsibi | 3 |
| CMGT 604 | Project Finance & Cost Control | 3 |
| CMGT 606 | Construction Risk Management | 3 |
| Total Credits | | 12 |