



CIVIL ENGINEERING

Construction Management Focus Program

Professional Master of Science* and Graduate Certificate

*Offered on-campus and online***WHY STUDY CIVIL ENGINEERING WITH A CONSTRUCTION MANAGEMENT FOCUS AT THE UNIVERSITY OF PITTSBURGH?**

The Swanson School's Civil and Environmental Engineering Department offers both a Professional Master of Science (30-credits) and Graduate Certificate (15-credits) in Civil Engineering with a Construction Management Focus. This construction management anchored graduate program addresses the current obstacles in rebuilding public infrastructure and the modernization of private buildings and plants. Our curriculum builds upon a student's technical background to develop the skills essential to the successful completion of construction projects as measured by time, cost, and quality objectives.

Graduates of either of these unique programs are equipped with advanced technical engineering knowledge combined with the confidence to tackle complex business and financial concerns relevant to the construction industry. Program faculty with decades of industry experience and expertise in today's best practices in construction management make this a distinct applied learning environment. Organizations seeking opportunities to train upcoming engineering leaders will find crucial managerial decision-making skills emphasized in this program.

WHY SWANSON ONLINE?

Pitt's state of the art online technology makes it possible to attend lectures alongside of our on-campus students. In combining our online and on-campus classes, we are able to create collaborative learning environment of students with similar interests but diverse educational and professional backgrounds. The flexibility to attend an on-campus class, join a lecture online, or view a recorded lecture enables you to select the learning style that works best for you and your schedule.

**Thesis Option available with Program Director permission*

ADMISSIONS REQUIREMENTS

BS in Civil Engineering from an ABET accredited university program,

OR

BS in other engineering field or hard sciences plus a minimum of three years of industry experience.

NOTE: *Candidates with other educational and professional backgrounds will be considered on an individual basis with strong emphasis given to academic promise, career orientation, work experience, and preparation in engineering and related disciplines. Additional coursework may be required to ensure skill set necessary for success in the program.*

FOR MORE INFORMATION
engineering.online.pitt.edu



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Upon acceptance, you will be assigned a faculty advisor to help guide your studies. With 18 required credits and 12 elective credits included in the MS program and 15 credits for the Certificate, you and your advisor can tailor the program to meet your educational goals. Students pursuing our online MS in Civil Engineering with a Construction Management Focus will often work towards the Safety Engineering Certificate simultaneously to meet elective requirements.

DELIVERY	TOTAL CREDITS	ENTRANCE EXAM	ADDITIONAL ADMISSIONS REQUIREMENTS
<ul style="list-style-type: none"> On-Campus Online 	<ul style="list-style-type: none"> Masters – 30 Certificate – 15 	<ul style="list-style-type: none"> GRE* Not Required 	<ul style="list-style-type: none"> Three Letters of Recommendation Transcripts Statement of Purpose TOEFL Required for Intl. Applicants**

Required for professional MS – all of the following five courses

CEE 2201†	Construction Cost Estimating (Required for completion of Certificate)
CEE 2202†	Construction Scheduling (Required for completion of Certificate)
CEE 2203†	Construction Methods and Equipment (Required for completion of Certificate)
CEE 2204	Construction Law & Risk Management
CEE 2205	Construction Finance and Cost Control

Required for professional MS – one of the following two courses

CEE 2206	Construction & Cost of Electrical Systems
CEE 2207	Construction & Cost of Mechanical Systems

† Students must complete three required courses above (designated with †) and may select any two of the remaining courses above as electives in the completion of their Certificate. The Certificate is available fully online.

Electives – 6 Credits/12 credits

On-campus students are encouraged to explore elective options with the Program Director, but traditionally satisfy electives from additional Civil and Environmental Engineering (CEE) graduate courses or by pursuing a graduate certificate.

Online students can choose from our online graduate program courses across multiple programs including: additional CEE Courses, Safety Engineering, Electric Power Engineering, and Nuclear Engineering.

Please visit engineering.online.pitt.edu for more online elective information.

* This requirement is typically waived only for those students who are applying to be part-time or Professional Master's students

** TOEFL/IELTS is required for all applicants whose native language is not English, except for those who have recently received a degree from a regionally accredited institution in the United States or any other English speaking country.

For more information about our Graduate Civil Engineering and Construction Management Programs, please contact:

JOHN T. SEBASTIAN

McKamish Director of Construction Management Program and Professor

412-624-9874 | jts79@pitt.edu

STEPHANIE OPALINSKI, MBA

Senior Manager of Graduate Engineering Program Recruitment

412-383-7027 | stephanie.opalinski@pitt.edu

University of Pittsburgh

Swanson School of Engineering
Department of Civil and Environmental Engineering
Benedum Hall | 3700 O'Hara Street
Pittsburgh, PA 15261

412-624-9870

cee@engr.pitt.edu

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