CIVIL ENGINEERING

Construction Management Focus Program
Professional Master of Science*

Offered on-campus and online

WHY STUDY CIVIL ENGINEERING WITH A CONSTRUCTION MANAGEMENT FOCUS WITH THE UNIVERSITY OF PITTSBURGH?

Swanson’s Civil and Environmental Engineering Department proudly offers a Master of Science in Civil Engineering with a Construction Management Focus. This 30-credit, professional (non-thesis) program addresses the current obstacles in rebuilding public infrastructure and the modernization of private buildings and plants, and is available on-campus and online. 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 this unique program 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.

ADMISSIONS REQUIREMENTS

BS in Civil Engineering from an ABET accredited university program, OR
BS in other engineering field plus a minimum of three years of industry experience.

NOTE: Candidates with other educational and professional backgrounds will be considered on an individual basis. Additional coursework may be required to ensure skill set necessary for success in the program.

FOR MORE INFORMATION

online.engineering.pitt.edu

*Thesis Option available with Program Director permission
**DELIVERY**
- On-Campus
- Online

**TOTAL CREDITS**
- Masters – 30

**ENTRANCE EXAM**
- None Required

**ADDITIONAL ADMISSIONS REQUIREMENTS**
- Two Letters of Recommendation
- Unofficial Transcripts

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**Required for professional MS – all of the following five courses**

- CEE 2201 Construction Cost Estimating
- CEE 2202 Construction Scheduling
- CEE 2203 Construction Methods and Equipment
- 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

**Electives – 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 [online.engineering.pitt.edu](http://online.engineering.pitt.edu) for more online elective information.