

CONSTRUCTION OPERATIONS (CERT)

This program was approved for students entering the university in the Summer 2025-Spring 2026 catalog year. For more information about catalog year, go to Catalog Year Information (<https://catalog.louisville.edu/undergraduate/university-wide-unit-specific-policies/catalog-year/>).

Certificate in Construction Operations

Unit: Speed School of Engineering (<https://engineering.louisville.edu/>)
Academic Plan Code(s): CNOPCUG

Program Information

The certificate in Construction Operations is designed to provide students with training in skill sets needed for construction related duties, such as land survey, material testing, construction equipment, and construction management. The certificate will provide professional engineering career paths for civil engineering students and provide more opportunities for leadership roles in construction companies.

The undergraduate certificate consists of twelve (12) credit hours of required courses.

Admission Requirements

Any student enrolled in the Bachelor of Science in Civil Engineering program is admissible to this certificate program. Students from other units or schools who meet the prerequisite requirements of ENGR 101, PHYS 298, and CEE 254 or equivalent are also admissible.

The certificate requires the completion of 12 credit hours with a GPA of 2.25 or higher.

Certificate Requirements

Program Requirements

Code	Title	Hours
CEE 260	Civil Engineering Field Measurements	2
CEE 261	Civil Engineering Field Measurements Laboratory	1
CEE 530	Construction Materials	3
CEE 540	Construction Management ¹	3
CEE 541	Construction Equipment and Practice ¹	3
Minimum Total Hours		12

At least three (3) semester hours of the requirements for a certificate must be successfully completed while enrolled in the University of Louisville.

¹ Students in this program will take Graduate sections of CEE 540 and CEE 541. These Graduate-level courses may be counted toward MEng CE after matriculation into that program.