

# Graduate Certificate in Construction Management

## Graduate Certificate Overview

The objective of the certificate program is to allow students to broaden and deepen their knowledge in the area of Construction Engineering and Management, while learning the most up-to-date theory and techniques used in practice.

The certificate program offers an opportunity for engineering and science practitioners to enhance their skills in Construction Engineering and Management without having to apply for and complete a Master's degree.

The program consists of four courses (12 credit hours).

## Standard Admission Requirements for all Graduate Programs

- All applicants must meet the requirements outlined in the Admission to Graduate Study (<https://policy.ku.edu/graduate-studies/admission-to-graduate-study/>) policy.
- Bachelor's degree: A copy of official transcripts showing proof of a bachelor's degree (and any post-bachelor's coursework or degrees) from a regionally accredited institution, or a foreign university with equivalent bachelor's degree requirements is required.
- English proficiency: Proof of English proficiency (<https://gradapply.ku.edu/english-requirements/>) for non-native or non-native-like English speakers is required. There are two bands of English proficiency, including Admission and Full proficiency. For applicants to online programs, Full proficiency is required.

## Additional Graduate Program Admission Requirements

A bachelor's degree in engineering with a GPA of 3.0 or better is required for admission to this graduate certificate program.

Applicants with baccalaureate degrees in engineering are expected to have undergraduate grade-point average of 3.0 or higher on a 4.0 scale for regular admission to a master's program. An undergraduate grade-point average of 3.3 or higher is expected for applicants with baccalaureate degrees in other fields.

Four (4) courses from the selected list are required to complete the certificate.

Courses Satisfying Certificate Requirements:

Code	Title	Hours
CMGT 700	Construction Project Management	3
CMGT 701	Construction Planning and Scheduling	3
CMGT 702	Construction Equipment and Methods	3
CMGT 703	Construction Quality and Productivity	3
CMGT 704	Construction Estimating and Bidding	3
CMGT 705	Construction Contracts, Bonds, and Insurance	3
CMGT 706	Construction Alternative Project Delivery Methods	3

CMGT 707	Engineering Risk and Decision Analysis	3
CMGT 711	Construction Safety	3
CMGT 712	Construction Safety Solution Development	3
CMGT 713	Request for Proposals in Design and Construction	3

The completion requirements of the graduate certificate in Construction Engineering and Management include: (a) the minimum grade for any course to be applied toward the certificate is a grade of B; and (b) no credits may be transferred from another institution for this certificate.

At the completion of this program, students will be able to:

- Acquire and integrate new knowledge as needed, using appropriate learning strategies.