UAB

SCHOOL OF ENGINEERING

The University of Alabama at Birmingham



Master of Engineering
Construction Engineering Management

100% Online Degree

Complete Your Master's Degree Online in 19 Months (12 Month Option Available)

Department of Civil, Construction, & Environmental Engineering

UAB The University of Alabama at Birmingham

902 14th Street South
Birmingham, AL 35205

MEng in CEM Degree Program Website

STUDENTS

The University of Alabama at Birmingham (UAB) offers a Master of Engineering (MEng) degree in Construction Engineering Management (CEM). Students enrolled in the MEng program in CEM have an opportunity to advance their project man-agement, construction, architectural, and engineering knowledge through a fully-online delivery method. The 19-month curriculum focuses on empowering working professionals with the knowledge to meet today's daily construction industry challenges.

The era when someone can start as a construction laborer and quickly advance to the level of a professional project manager is gone. Construction owners and organizations expect their managers to arrive academically prepared to oversee construction projects, and to demonstrate certain decision making, risk management, financial, legal, regulatory, communication, and technological skills. The CEM curriculum equips students to succeed in today's rapidly changing construction environment.

The UAB MEng program in CEM is applauded by many of our graduates as one of the best decisions that they have made to improve their professional career, family's security, and personal well-being. In addition, the appeal of the curriculum spans multiple industry stakeholders and a wide range of age groups, including women interested in bridging the current industry gender gap and becoming part of the construction engineering workforce.

Lastly, with increases in student enrollment, atendance at orientation, and continued growth of our alumni network, it is evident that the UAB MEng program in CEM is gaining enormous popularity.

The nationally ranked UAB MEng Program in CEM is seeking students who have some relevant construction experience, are academically commited, self-motivated, and ready to learn cuţng edge technologies and methods. The fully-online program is convenient and available to students no mater where they are located geographically. When compared to similar programs, the affordability, rigor, and curriculum offered by UAB MEng program in CEM differentiates itself.

Be part of our team by applying to the UAB Graduate School today.

TESTIMONIALS

"The CEM program offers incredible an immeasurable value. It is not an accident that I am seeing such positive results and opportunities in my career"

R. Durland

" This CEM program has been a great benefit to me and will allow me to establish a great construction career"

P. McManus

THE TIME IS NOW!

The complexity of construction engineering and management requires an understanding of the essential elements of the business, legal, and technical issues encountered in a world-wide competitive environment. Properly equipped practitioners will be positioned to assume more responsibility with commensurate benefits: higher pay and broader career advancement opportunities, while expanding their individual leadership roles corporately and in the community.

The UAB Master of Engineering in Construction Engineering Management is delivered online so that working professionals anywhere in the world can learn with their peers.

For more information about the UAB Master of Engineering in Construction Engineering Management, contact:



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DEADLINES FOR APPLICATION

Fall	Spring	Summer
August 1st	Dec. 1st	April 1st

APPLY NOW!

UAB THE UNIVERSITY OF ALABAMA AT BIRMINGHAM

CONSTRUCTION ENGINEERING MANAGEMENT

The University of Alabama at Birmingham School of Engineering offers a unique opportunity to earn a Master of Engineering degree in Construction Engineering Management (MEng-CEM) to qualified working professionals who have completed an accredited undergraduate degree from any U.S. College or University.

- Increase your earning and promotion potential with a MEng degree with a concentration in CEM.
- The 30-hour degree can be completed online in 12 or 19 months.
- This degree is a great alternative to an MBA for working professionals in construction and/or engineering careers.
- This is a multi-discipline graduate program (no engineering prerequisites).
- Designed for individuals who want to interact with peers using state-of-the-art online instructional methods.
- Learn from instructors with years of industry experience.

WHO SHOULD APPLY

Individuals working for engineering and construction related companies holding a bachelor's degree and are interested in a career path in construction engineering management.

- Engineers and architects seeking advanced project management and business skills.
- Construction superintendents and project managers overseeing small and large projects.
- General contractors and subcontractors.
- Manufacturing and material suppliers.
- Utility company and public works managers.
- Military and government employees responsible for planning and managing capital projects.
- Military personnel transitioning to civilian life.
- Women interested in capitalizing on the current industry demand to bridge the gender gap in the construction workforce.
- Individuals who desire to improve their skills in communicating and conducting business online.

TUITION AND FEES

CEM students typically sign up for two courses per academic term, but some students elect to take only one course per academic term. Summarized below in Table 1 are the applicable UAB tuition and fees for two courses per academic term:

Table 1. Summary of Applicable Tuition and Fees per Term

Tuition Per Credit Hr.	Credit Hrs. Per Course	Course Tuition	Program Fee Per Course	Cost Per Course	Courses Per Term	Total Cost Per Term
$744[1]	3	$2,232	$900	$3,132	2	$6,264

Note: 1. $85 per credit hour additional International Tuition not included.
2. UAB tuition and fees are subject to change.

Total Cost = $6,264 per term X 5 terms = $31,320

ALL ONLINE STUDENTS PAY IN STATE TUITION

UAB MEng in CEM CURRICULUM

COURSE NO.	TITLE	HRS
CECM 669	Advanced Project Management	3
CECM 670	Construction Estimating & Bidding	3
CECM 671	Construction Liability & Contracts	3
CECM 672	Construction Methods & Equipment	3
CECM 673	Tech. of Project Planning & Control	3
CECM 674	Overview of Green Building Design & Construction	3
CECM 675	Adv. Construction & Engineering Economics	3
CECM 676	Construction Project Risk Management	3
CECM 688	Const. Mgmt. & Leadership Challenges	3
CECM 689	Building Information Modeling Techniques	3
	Total Credit Hours	**30**

ADMISSION REQUIREMENTS

- Bachelor's degree (any discipline[1]) from a regionally accredited U.S. College or University.
- No entrance exam required (i.e., GRE or GMAT).
- International students who do not have a degree from a regionally accredited U.S. institution are required to have a bachelor's degree (any discipline) from a recognized, accredited university. A degree in engineering or a science-related field is preferred and must submit TOEFL, IELTS, or Duolingo[2] scores.
- Original transcripts from all colleges and universities attended must be sent directly to the UAB Graduate School.
- One year of relevant work experience preferred.
- All prospective students must pass a personal live interview with the Director of Student Affairs (Interviews can be over the phone or virtual for out-of-town students).
- Two letters of recommendation.
- Proper computer equipment and direct high speed internet access.

Note: 1. CEM promotes a multi-discipline learning experience, therefore an engineering undergraduate degree is not required.
2. Duolingo scores are preferred by the UAB Graduate School.

TESTIMONIALS

"The CEM program was an investment in myself. My increased value and success in the construction industry is a testament to the people at UAB. It was all worthwhile and it pays off every single second of the day."

S. Cerro

"As soon as I listed being enrolled in the CEM program on my resume, doors started swinging wide open and it was incredible to see. I have told many others about the program because everything that I have learned has been so relevant to my construction job."

H. Mills

"The graduate school experience taught me time management, organizational skills, how to juggle priorities and to invest in myself."

A. Foster

"I am overwhelmed with gratitude to everyone at the CEM program for empowering me with the tools to change my life for the better."

A. Meadows

