



The program provides the necessary knowledge and tools to manage the design, procurement, construction and operation of buildings, infrastructure systems and industrial facilities. Graduates of the program are well-positioned to become construction project managers and construction management consultants working for contractors, developers and owners of constructed facilities.

Key Features:

- Close industry collaboration.
- Exposure to the construction industry in the MENA region through summer internships.
- Prepares graduates to manage international construction projects.
- Study complemented with business and management courses.



Program Objectives:

The main goal of the CEM Program is to provide a well-integrated program that gives the student the opportunity to develop the proficiencies necessary for a successful, professional career in the construction industry. In addition to exposure to courses in civil engineering and design, program graduates will develop knowledge and understanding of:

- develop management plans for construction projects.
- reviewing the contract strategies for construction projects and to investigate the appropriate contract forms and payment methods.
- planning and control project cost: including cost estimating, risk analysis, contingency, progress reporting, and value engineering.
- producing tender and contract documents along with the ability to carry out estimation of costs and expenditures during all project stages.
- carrying out appraisal of tenders and to negotiate with bidders.
- supervising constructions projects & monitoring progress.
- measuring the executed work, and certify interim payments and final account.
- advising clients on settling claims and disputes.
- handing over completed construction projects along with their designated maintenance & operational plans.



For more information, visit:

eng.cu.edu.eg/en/credit-hour-system/

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