

Construction Engineering & Management

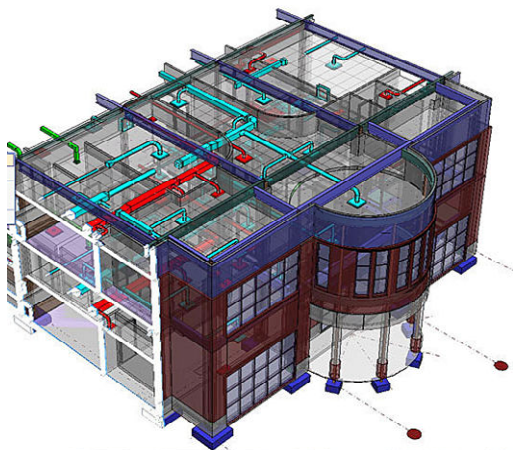
Credit Hour Program at Cairo University



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 and monitoring their 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 and operational plans

For more information visit
<http://www.eng.cu.edu.eg/credithours>

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