

# CIVIL INFRASTRUCTURE ENGINEERING [CIE]

Bachelor Programs, Credit Hours System, Cairo University, Faculty of Engineering



The field of Civil Infrastructure Engineering is by far the most growing and demanding field in the construction market in Egypt and the Middle East. The CIE graduate will work in the design, construction, operation, and rehabilitation of civil infrastructure projects including transport, highways and airports, railways, water and wastewater, surveying, and geotechnical engineering.

## Key Features:

- Core courses specialized in the design of different infrastructures facilities: roads, highways, airports, railways, water and wastewater treatment plants, water distribution networks, sanitary sewers, tunnels, & bridges to satisfy the community's needs.
- A variety of elective courses providing the students with deep understanding of the different facilities' design and operation.
- Use of different software and latest technologies in the analysis and design of infrastructures facilities.
- Practical training opportunities in multinational design and construction companies, & consultancy firms.



## Program Objectives:

- Providing students with strong knowledge, and proficient skills in the design, operations, maintenance, and rehabilitation of civil infrastructure projects.
- Equipping graduates with appropriate technical proficiency to lead interdisciplinary teams working for sustainable civil infrastructure projects.
- Bridging the gap between academic knowledge and practical experiences through hands-on experiences and exposures to large-scale civil infrastructure projects.
- Enhancing the soft and leadership skills that are necessary for a successful professional career.

## CIE Engineers:

- Make people's life easier by supplying potable water, collecting and treating wastewater, constructing highways and airports, railways & metro.
- Build the base for all large development projects.

For more information, visit:

[eng.cu.edu.eg/en/credit-hour-system/](http://eng.cu.edu.eg/en/credit-hour-system/)

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