Professional Skills in Civil Engineering (CEGE0102)

Description

This module will introduce you to the civil engineering profession. In particular it will introduce commonly used tools, and the professional skillset and behaviors needed to be a successful civil engineer. Specific components will include, introduction to civil engineering, critical thinking/problem solving, team working, ethics for engineers, sourcing information and technical literature, visualization, introduction to engineering drawing, introduction to AutoCAD, introduction to Geographic information system (GIS), technical writing and presentation, industry standards/professional conduct. All material will be discipline-specific to Civil Engineering.

Outcomes

The aim of this module is for you to develop your awareness and knowledge of key professional skills required in Civil Engineering today. You will draw on these skills across a range of activities during your first year, including: Challenges, Scenarios A & B, and the Lampeter surveying field course. The learning outcomes for this module relate directly to acquired knowledge in the main topic areas but also include the ability to self-appraise against a number of key development objectives, linked to the chartership process for civil engineers.

The course is delivered by lectures, drawing workshops and software practicals.

Key information

Year: 2019/20
Credit value: 15 (150 study hours)
Delivery: UG L4, Campus-based
Reading List: View on UCL website
Tutor: Ms Liz Jones
Term: Terms 1 and 2
Timetable: View on UCL website

Assessment

Coursework: 40%
Coursework: 20%
Coursework: 10%
Coursework: 20%
Coursework: 5%
Coursework: 5%

Find out more

For more information about the department, programmes, relevant open days and to browse other modules, visit ucl.ac.uk

Disclaimer: All information correct as of August 2019. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.