

Course Syllabus

1. Course number and name: 020GCCNI1 The Civil Engineering in the Service of the Community
2. Credits and contact hours: 4 ECTS credits, 1x1:15 contact hours + mini project
3. Instructor's or course coordinator's name: Professor Fadi GEARA
4. Text book: No textbook
 - a. other supplemental materials: Civil Engineering Catalogue, Bylaws of the Order of Engineers and Architects, videos.
5. Specific course information
 - a. brief description of the content of the course (catalog description)
Understand the role of a civil engineer in the development of the community.
The course covers the following topics: Program of civil engineering and acquiring different skills – Role of the Order of Engineers and Architects – Ethics – Communication - How civil engineer contribute to the development of his community, his country and the whole world.
 - b. prerequisites or co-requisites: No
 - c. Required/Elective/Selected Elective: Selected Elective
6. Specific goals for the course
 - a. specific outcomes of instruction.
 - Outline the basic fields of a civil engineering Program from 1st to last year.
 - Understand the role of the Order of Engineers and Architects.
 - Understand the importance of the engineering ethics and communication.
 - Recognize the role of a civil engineer in developing the community.
 - b. KPIs addressed by the course.

KPI	f1	g1	i1	j1
Covered	x	x	x	x
Assessed	x	x		x
Give Feedback				

7. Brief list of topics to be covered and approximate lecture hours: (1 Lecture = 1 hour 15mn)

The basic fields of a Civil Engineering Program from 1st to last year – accumulating skills – Videos (4 lectures)

The role of the Order of Engineers and Architects – structure – bylaws – relationship between engineers – relationship with the client – with the administration. (3 lectures)

The importance of the engineering ethics and communication (3 lectures)

The role of a civil engineer in developing the community – videos (4 lectures)

Mini project describing a community service in civil engineering for a contemporary issue (equivalent to 14 lectures hours)