

Course Description

Course Name:	Engineering Ethics
Course Code:	CIV066
Semester / Year:	Semester 2026-2025
Date of Preparation:	2/01/2026
Mode of Attendance:	Bologna System
Total Credit Hours / Units:	SSWL 33 + USSWL 17; ECTS 2
Course Coordinator:	Muhammad Khairallah Mughir mohammed.khairallah@uowa.edu.iq

Course Objectives

Objectives	<ol style="list-style-type: none"> 1. Introduce general ethics and engineering ethics along with the engineer's obligations. 2. Introduce work and the work contract. 3. Familiarise students with engineering professional ethics. 4. Review selected international engineering codes of ethics. 5. Introduce the Iraqi professional ethics code. 6. Introduce the engineer's legal obligations. 7. Introduce the State Employees Discipline Law.
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Learning and Teaching Strategy

Strategy	<ul style="list-style-type: none"> - Delivering lectures and conducting discussions in the classroom to convey the subject matter to students. - Developing positive professional conduct culture through diverse reports and assignments. - Presenting practical problems as case studies and relating them to professional ethics. - Fostering self-directed learning by having students derive solutions to proposed issues. - Administering scheduled assessments at the designated times. - Encouraging students to consult the books and references recommended by the instructor.
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Course Structure

Week	Hours	Required LOs	Topic	Teaching Method	Assessment Method
1	2	1,3	Definition of ethics in general, engineering ethics terminology, profession and its concept, craft	Attendance	Class tests, homework
2	2	1,3	Work in human life, importance of work	Attendance	Class tests, homework
3	2	1,3	Ethics in the workplace	Attendance	Class tests, homework
4	2	1,3	Work contract, work organisation, work supervision	Attendance	Class tests, homework
5	2	1,3	Work-related ethics: honesty, truthfulness, sincerity, justice, tolerance, humility, patience, integrity	Attendance	Class tests, homework

6	2	1,3	Ethics of the engineering profession	Attendance	Class tests, homework
7	2	1,3	History of engineering codes, professional codes of conduct	Attendance	Class tests, homework
8	2	1,3	Midterm Exam	Attendance	Midterm Exam
9	2	1,3	Overview of engineering codes of conduct (Egyptian, Saudi, American)	Attendance	Class tests, homework
10	2	1,3	Iraqi Engineering Professional Ethics Code – IBC 002	Attendance	Class tests, homework
11	2	1,3	Engineer and employment, professional relations, responsibility toward society	Attendance	Class tests, homework
12	2	1,3	Ethical responsibility of engineers; case studies: structural failures (buildings, bridges, facilities)	Attendance	Class tests, homework
13	2	1,3	Engineer's responsibility toward law; membership in relevant associations and syndicates	Attendance	Class tests, homework
14	2	1,3	Rules of professional conduct and the Iraqi Engineers Syndicate Law	Attendance	Class tests, homework
15	2	1,3	Iraqi Civil Law and the engineer's obligations	Attendance	Class tests, homework
16	2	1,3	Iraqi State Employees Discipline Law / Final exam review	Attendance	Questions

Course Assessment

Midterm Exam = 30 %
Short Quizzes = 10 %
Daily Attendance = 5 %
Homework + In-class Assignments = 0 %
Reports = 10 %
Final Exam = 50 %

Learning and Teaching Resources

Required Textbook(s)	- Iraqi Engineering Professional Ethics Code / Iraqi Building Code No. IBC 002, issued by the Ministry of Planning and the Ministry of Housing, Iraq, 2017.
Main References	- Rules and Ethics of Engineering Practice – Dr. Eng. Nabil Abdul-Razzaq Jassim, University of Basra / College of Engineering, Al-Basaer Publishing House, Lebanon, 1st ed., 2013.
Recommended Books and References (Journals, Reports, etc.)	- Egyptian Code of Engineering Professional Ethics. - Engineering Ethics: Concepts and Cases – Charles E. Harris, Michael S. Pritchard, and Michael J. Rabins. 4th edition, 2009. ISBN-10: 0-495-50279-0
Electronic References / Websites:	