

Faculty of Engineering & Technology

Law for Professional Engineers

Information :

Course Code : GEN 441 **Level :** Undergraduate **Course Hours :** 2.00- Hours

Department : Faculty of Engineering & Technology

Instructor Information :

Title	Name	Office hours
Professor	Ashraf Mohamed Anas Qasem Jafar	25
Professor	Ashraf Mohamed Anas Qasem Jafar	25
Assistant Lecturer	Dina Yehia Zakaria Ewais	1
Assistant Lecturer	Nada Mohamed Abd El Hamid Ali Mohamed	
Assistant Lecturer	Reham Milad Kamel Samaan	
Assistant Lecturer	Dina Yehia Zakaria Ewais	1
Assistant Lecturer	MOHAMMED TAHER ABDELHAMID MOHAMMED YOUSSEF	
Teaching Assistant	Mohamed Ahmed Reda Abas Ahmed	
Teaching Assistant	Sarah Salah Sayed Hussein Aly Elsheshtawy	
Teaching Assistant	Sarah Salah Sayed Hussein Aly Elsheshtawy	
Teaching Assistant	Akram Rabie Hamed Ragheb Tobar	
Teaching Assistant	Abdelrahman Adel Abdullah Abdelghany Kandil	

Area Of Study :

- Enrich students knowledge about aspects of law which are most relevant to engineering practice.
- Promote students familiarity with and understanding of those areas of law.

Description :

The legal system, Forms of business organizations, Tort law, The role of the professional, Contract law, The elements of a contract, Statute of frauds, Misrepresentation, Duress and undue influence, Mistake, Contract interpretation, Discharge of contract: Breach of contract and fundamental breach, Agreements between the client and engineer, General law, the Mechanics' Lien Act, Comparative discussion of the professional engineers act as it relates to the earlier statute, Intellectual property and industrial property

Course outcomes :

a. Knowledge and Understanding: :

- 1 - Explain the essential principles of the law relevant to engineering practice.

b. Intellectual Skills: :

- 1 - Write a technical report.

c. Professional and Practical Skills: :

- 1 - Apply the basics of the law relevant to engineering practice

d. General and Transferable Skills: :

- 1 - Communicating effectively with other people.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
The legal system and forms of business organizations	3	2	1
Tort law, The role of the professional	3	2	1
Contract law, The elements of a contract	3	2	1
Misrepresentation, Duress and undue influence, Mistake, Contract interpretation,	6	4	2
Discharge of contract	9	6	3
Agreements	6	4	2
General law, the Mechanics' Lien Act	6	4	2
Comparative discussion	9	6	3

Teaching And Learning Methodologies :

Interactive Lecturing

Discussion

Presentation

Student Report

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Final Exam	40.00		
Midterm Exams	40.00		
Performance	10.00		
Student report	10.00		

Course Notes :

Lecture notes of the instructor