

## 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
Assistant Lecturer	Dina Yehia Zakaria Ewais	1
Teaching Assistant	Akram Rabie Hamed Ragheb Tobar	

#### Area Of Study :

Upon successful completion of the course, the student should be able to:

1. Legal rules have stemmed from social needs., our study will be divided into three main parts, identifying the law , sources of law , law enforcement .
2. To keep order , the society has to impose duties and establish rights
3. In order to understand the concept of law
4. we should distinguish it from the other rules governing the individuals in the society . the origin and sources of law from which it derives
5. Its binding force should also be identified therefore.
6. Basics on the Concept, its sources(Primary & subsidiary ) and mechanism of Application.
7. Use technical terms of law in expressing his views ,to keep him away from any fault in carrying out transaction.

#### 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: :**

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| 1 - | Students are supposed to know sufficient knowledge of law allows you to practice management and business activities in a right way based on a scientific base of your researches developing your analytical skills and your point of view through your academic activity . |
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##### **b.Intellectual Skills: :**

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| 1 - | simplify the law for novice student, to aid him to understand without difficulty the theories and fundamental concepts of law, to make him able to use technical terms of law in expressing his views and to keep him away from any fault in carrying out transactions when he becomes a businessman or a man responsible for business. |
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### c. Professional and Practical Skills :

1 -	how to go through discussions about law and give some legal opinions with legal concepts and way of thinking according to the Egyptian legal system , so you can suggest a new name for our subject as "Law for business.
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### d. General and Transferable Skills :

1 -	The rule of law and its nature and kinds in a legal environment
2 -	The Legal system and its powers and authorities
3 -	Contracts and its stages , requirements and applications
4 -	Crimes and Torts and liabilities in criminal and civil fields

### Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Overview of the Legal Rule of law & its characteristics .	20	15	5
Law ,morality & religion . Classification of law branches of public law , branches of private law.	10	6	4
Ch4 Sources of law . formal sources , legislation , custom Islamic law & principles of natural law & rules of justice.	15	10	5
Ch5 Mandatory and supplementary rules & criteria of differentiating between mandatory & supplementary rules Temporal limits of the application of law . Territorial & personal application of Law.	5	3	2
Ch 6,7,8 Repeal of law . constitutionality of laws .interpretation of laws.	10	6	4
Ch 9 Application of law :judicial system ,ordinary & administrative judiciary	15	10	5

### Teaching And Learning Methodologies :

Lectures
Tutorials
class discussions
Research assignments

### Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Final Exam	40.00	15	to assess the comprehensive understanding of the scientific background of the course, to assess the ability of problem solving and of analysis of propagation problems.
First Mid-Term Exam	15.00	7	to assess the skills of problem solving understanding of related topics.

Quizzes and Assignments	30.00	14	to assess ability of following up the course and to assess the understanding of the concepts presented through the course within limited time interval.
Second Mid-Term Exam	15.00	11	to assess the skills of problem solving understanding of related topics.

**Recommended books :**

1. Introduction to the study of law , Fourth Edition, by dr ahmed sharaf el din & dr mohiedin,2009  
The theory of law dr Hassan gemei &dr fouad gamal, 2009.