

Faculty of Engineering & Technology
Professional Practice and Legislations

Information :

Course Code : ARC 582

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Faculty of Engineering & Technology

Area Of Study :

- Enriching the student's knowledge about tender actions and types of construction contracts.
- Enriching the student's knowledge about client, contractor and consultant commitments and rights.
- Enriching the student's knowledge about local building codes and legislations.
- Develop the student's ability to criticize project legality in the light of local laws, legislations and building codes.

Course outcomes :

a. Knowledge and Understanding: :

1 -	List the Architect's Consultation services that can be provided to client.
2 -	Select the "suitable to use" Statement in case of planning and land dividing.
3 -	Select the "suitable to use" Statement in case of building design.
4 -	Define the Architect's role, rights and commitment in light of the FIDIC.
5 -	Define the Contractor's role, rights and commitment in light of the FIDIC.
6 -	Define the contracts agreements types.

b. Intellectual Skills: :

1 -	Predict the architect compensation during design and supervision phases, for different construction type.
2 -	Outline a suitable contract agreement and guarantee against construction flaws.
3 -	Prepare a correct consultation contract between the architect and the owner in light of the FIDIC.

c. Professional and Practical Skills: :

1 -	Follows the building codes and legislations.
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Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Introduction; Professional practice , and legislations roles.	3	2	1
Planning Codes (1).	3	2	1
Planning Codes (2).	3	2	1
Building Codes (1).	3	2	1
Building Codes (2).	3	2	1
Building fire protection Codes (1).	3	2	1

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Building fire protection Codes (2).	3	2	1
Relation between the architect, The owner, the contractor during the building design & construction phase.	3	2	1
Client/ Contractor relation; Construction Contracts (1).	3	2	1
Client/ Contractor relation; Construction Contracts (2).	3	2	1

Teaching And Learning Methodologies :

Lectures.

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Attendance & participation	10.00		
Final Exam	40.00		
Prescheduled Quiz	25.00		
Unscheduled Quiz and assignments.	25.00		

Course Notes :

Course notes are required

Recommended books :

- Naasar; Gamal El-Din, Arabic translation of conditions of contract for construction for building and engineering works designed by the employer, guidance for the preparation of particular conditions, forms of letter of tender, contract agreement and dispute adjudication board, 2001
- Building Law No.119 Est. 2008
- Egyptian Code for design principals and construction conditions for buildings fire protection (Part 1)

Periodicals :

Nigel Ostime.
Riba Architect's Job Book, 9th Edition, RIBA Publications, 2013

Web Sites :

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