

1.9 Semester 9

CB514 Construction Contracts And Law

COURSE INFORMATION

Prerequisites		Academic Year & Level		Teaching Methods			Credit Hrs.
		Year	Semester	Lecture	Tutorial	Laborator y	
CB311	CB415	5	9	2	2	0	3

COURSE AIM

The course aims at introducing the student to the fundamentals of contracting and Law and its application to the construction industry.

COURSE WEEKLY CONTENTS

- 1 Introduction to construction contracts.
- 2 Contract elements.
- 3 Types of construction contracts by payment method: lump sum and unit price.
- 4 Types of construction contracts by payment method: cost reimbursement and GMP.
- 5 Project Delivery System (PDS).
- 6 The bidding process and bidding requirements.
- 7 Midterm Exam
- 8 Construction contract documents.
- 9 Project administration and documentation.
- 10 Project Procurement Management in PMBOK.
- 11 Building and construction law - Egyptian Civil Code.
- 12 12th Week Assesment.
- 13 Building and construction law - Egyptian Government Procurement Law.
- 14 Construction claims, change orders, and Alternative Dispute Resolution (ADR).
- 15 Introduction to FIDIC contracts.

STUDENT GRADING & ASSESSMENT

Weeks	Exams	Assign.	Quizzes	Reports	Present.	Lab.	Total
1 to 7	20 Midterm	←	10	MARKS		→	30
To be freely distributed among possible assessments							
8 to 12	←		20	MARKS		→	20
13 to 15	←		10	MARKS		→	10
16 or 17	40 Final						40
Total	Exams	Assign.	Quizzes	Reports	Present.	Lab.	100

REFERENCES

- Textbook** Engineering Management, 1st Edition, Fraidoon Mazda, Prentice Hall, 1997.
- Other** Construction Contracts: Law and Management, 4th Edition, Hughes, W, Champion, R . and Murdoch, J. Routledge, 2008.
- Construction Forms and Contracts, Savage, C., Mitchell K. J., Craftsman Book Company, 1994.
- Construction Contracts, 3rd Edition, Hinze, J. McGraw-Hill Science, USA, 2010.
- Fidic Conditions of Contract for Construction Publisher: Red Book, FIDIC.