

Construction Contract Management

Code CE-898	Credit Hours 3-0
-----------------------	----------------------------

Course Description

This course provides participants with a broad introduction to construction contract management, equipping them with the skills needed to manage contractual issues at construction sites. It offers a comprehensive and in-depth understanding of construction contract management by incorporating up-to-date literature and research in this increasingly important field. The course motivates participants to apply their acquired knowledge to various construction projects, helping them undertake these projects systematically and more effectively. It emphasizes that construction management has evolved into a substantive body of knowledge over the past five decades, highlighting the crucial role of contract management in successfully managing construction projects. Additionally, the course fosters networking among participants, encouraging them to share their personal experiences with contractual issues both inside and outside the classroom.

Textbook(s):

1. Levy, S. M. (2000) Project Management in Construction. Third Edition. McGraw-Hill Inc., N. J., USA
2. Hinze, Jimmie (2000) Construction Contracts. Second Edition. McGraw-Hill
3. Clough, R. H., Sears, G. A. and Sears, S. K. (2005). Construction Contracting: A Practical Guide to Company. Seventh Edition. Wiley.
4. Murdoch, J. and Hughes, W. (2008). Construction Contracts: Law and Management. 4th Edition. Taylor and Francis.
5. Uher, T. E. and Davenport, P. (2010). Fundamentals of Building Contract Management. University of New South Wales Press
6. Pilcher, R. (1992) Principles of Construction Management. McGraw-Hill Inc., N.Y., USA

Prerequisites

Nil

ASSESSMENT SYSTEM FOR THEORY

Quizzes	10%
Assignments	10%
Mid Terms	25%
Term Project	10%
ESE	45%

Teaching Plan

Week No.	Topics	Learning Outcomes
1-4	Introduction to contract management,	Contract formation, Construction and contract law (Case studies) Introduction to FIDIC Contract Act 1876 Project delivery methods in construction, types of construction contracts, and contracting methods.
5-8	FIDIC Rainbow Suite and PEC	Bespoke contract and case studies PEC SBD and their applications and Bid evaluation Bid Method: Enlistment or registration of contractors, prequalification of contractors, types of tenders, Pakistan Engineering Council (PEC) bidding documents, opening of tenders, scrutiny of tenders, tenders evaluation.
9	MID-TERM EXAM	
10-12	Types of Contracts, Roles and Responsibilities including subcontracting	Understanding general and technical conditions of contract (clause by clause) Roles and Responsibilities of Parties: Role & Obligations of Consultant Role & Obligations of Client. Role & Obligations of The Engineer. Role & Obligations of Contractor. FIDIC Red, Silver, Yellow and their application.
14-15	Claims	Claims management Claims and its causes Initiation of claims Presentation and Avoidance of claims Change management and how contract deals with changes
116	Dispute Resolution	Dispute resolution DAB, Amicable settlement Arbitration
17	Other Contracts	BOT and international contracting practices e-g AIA, AGC, EJCDC
18	End Semester Exams	