

College of Engineering

Department of Civil Engineering

جامعة
الملك سعود
King Saud University



CE 516 Construction Engineering Contracts

Credit and Contact hours	3/ 3 (Lectures), 0 (Tutorials), 0 (Laboratory)										
Required, or Elective	Required for a MSCE degree										
Course Description	<p>This course introduces the student to the legal aspects of construction projects by way of introducing the law of construction contracts. First, introduction to the theory of contract is essential for the students to understand how a construction contract is formed. Thereafter the common types of construction contracts are covered which assist the engineer in selecting the right one for the specific project. Bidding process is explained and paves the way to cover the project contract administration during the construction.</p> <p>After the student got acquainted with the above, FIDIC International Standard Construction Contracts will be briefly exposed. A research project should address a local context construction contracts problem. This demands a search for recent publications on any topic related to the Saudi Construction sector whether new drafts, disputes relevant to Saudi Public Works contracts, and examine cases tried at the Saudi Gradience Board, a kind of administrative court in Saudi Arabia dealing with construction claims in accordance with the Saudi Procurement, public works contracts, and other Saudi laws and By-laws.</p>										
Prerequisites or Co-requisites	Good English and reasonable experience of Contracts Administration										
Course Learning Outcomes	<p>Students completing this course successfully will be able to</p> <table border="1"><thead><tr><th>Course Learning Outcomes</th><th>Related Program Outcomes</th></tr></thead><tbody><tr><td>CLO1: Define and understand the basic elements of contract law.</td><td>K1</td></tr><tr><td>CLO2: Differentiate the kinds of construction contracts and choose the right type of contracts like lump Sum, fixed price and cost-plus types.</td><td>S1</td></tr><tr><td>CLO3: Recall bidding and contract documents, construction bonds, claims, and introduction to International Standard Contracts such as FIDIC Modules.</td><td>K1</td></tr><tr><td>CLO4: Apply the information learned to tackle an issue or aspect of construction contracts in Saudi Arabia</td><td>C1</td></tr></tbody></table>	Course Learning Outcomes	Related Program Outcomes	CLO1: Define and understand the basic elements of contract law.	K1	CLO2: Differentiate the kinds of construction contracts and choose the right type of contracts like lump Sum, fixed price and cost-plus types.	S1	CLO3: Recall bidding and contract documents, construction bonds, claims, and introduction to International Standard Contracts such as FIDIC Modules.	K1	CLO4: Apply the information learned to tackle an issue or aspect of construction contracts in Saudi Arabia	C1
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Student Outcomes related to this Course	<p>K1. Recognize advanced engineering knowledge, concepts and techniques to identify, interpret and analyze complex and real-life engineering problems.</p> <p>S1. Provide solution for complex and real-life engineering problems through critical thinking and using modern engineering tools and identify its impact on social and ethical issues.</p> <p>C1. Criticize and discuss scientific research reports /papers related to Civil Engineering issues with high level of ethics and proficiency, independently, or as a teamwork</p>																									
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Textbook(s) and Other Required Material	<ol style="list-style-type: none"> 1. Collier, Keith (2011). Construction Contracts. 3rd Edition, Prentice-Hall, Inc., Upper Saddle River, New Jersey. 2. Fidic.org; International Standard Contracts Website 3. Recent Publications on Saudi Public Works Contracts 4. Publications on Contracts by Prof Ibrahim Alhammad and others 																									
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Instructors	Prof Ibrahim A Alhammad, Professor, office# 2 A 48, email: alhammad@ksu.edu.sa , Website: https://fac.ksu.edu.sa/alhammad																									
Date of Review	February, 2021																									