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American University of Beirut  
Faculty of Engineering and Architecture

**CIVE 722 / ENMG 635**  
**Project Deliverance and Contracts**

Prof. M. Asem Abdul-Malak  
Civil and Environmental Engineering Department

# COURSE OBJECTIVES

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- The course is generally intended to tackle issues related to the various approaches that may be suitable for the delivery of large construction projects.
- The course particularly aims at understanding the risks inherent in the undertaking of large projects.
- The course furthermore sheds light on how certain identified risks can be addressed through the proper formation of project contracts.

# LEARNING OUTCOMES

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- Students are expected to become familiar with various project organizational structures.
- Students are expected to develop a solid understanding of how risks are identified and accounted for in the undertaking of large-scale projects.
- Students are expected to show a grasp of the major elements constituting the project construction contract, the design-build contract, and the EPC contract.
- Students are expected to become familiar with the contract formation, completion, and close-out processes.

# COURSE OUTLINE

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- Introduction
- Project risks
- The traditional project delivery approach
- The design-build project delivery approach
- The EPC project delivery approach
- The BOT project delivery approach
- Other innovative project delivery approaches
- Elements of the construction, DB, and EPC contracts
- The contract formation process
- The facility taking-over process
- The contract close-out process
- Special topics (to be presented by students)

# STUDENT EVALUATION

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- Class attendance (10 percent)
- Class and forum participation (10 percent)
- Term presentation (20 percent)
- Presentation Skills (10 percent)
- Term exam (50 percent)

# REFERENCES

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- A list of relevant literature will be supplied to guide the students in the selection of a topic for class presentation.
- Names of reference books will be posted on Moodle

# CONTACT

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- Class is held on Wednesdays from 5:30 to 8:00.
- Office Hours: 2:00 to 4:00 TTh or by appointment, Room 506, Bechtel Building
- Email address: [mamalak@aub.edu.lb](mailto:mamalak@aub.edu.lb)