

New Jersey Institute of Technology
CE 610 Construction Management

Summer 2017

Instructor: Kevin P Wynn, PE, Adjunct Professor

Text: **Construction Project Management** by J.F. McCarthy, Published by Pareto Publishing, ISBN -13: 978-0-9799969-1-7

Contact:

Prerequisite: B.S. degree in Civil Engineering, technology, architecture or related field. Managerial aspects of contracting including the study of firms in relation to the entire construction industry are studied. Topics include contractor organization and management, legal aspects of construction and financial planning.

<u>Week</u>	<u>Topic</u>
1. May 22, 2017:	Introduction and Financial Feasibility
2. May 29, 2017:	Project Life Cycle and Permitting
3. June 5, 2017:	Estimating and Scheduling
4. June 12, 2017:	Bidding/Negotiations and Project Execution
5. June 19, 2017:	Shop Drawings
6. June 26, 2017:	Change Orders
7. July 3, 2017:	Project Closeout
8. July 10, 2017:	Midterm Exam
9. July 17, 2017:	Construction Staging/Case Study
10. July 24, 2017:	Specifications/Bonding
11. July 31, 2017:	Safety/Claims and Risk
12. August 7, 2017:	Final Exam

Grading:

- a. Homeworks – 20%
- b. Scheduling/Estimating Project – 20%
- c. Midterm Exam – 30%
- d. Final Exam – 30%