New Jersey Institute of Technology

CE 610 Construction Management

Spring 2017

Instructor: Kevin P Wynn, PE, Adjunct Professor

Text: Construction Project Administration by Edward R. Fisk and Wayne D. Reynolds, Tenth Edition

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.

	Week	**Topic**
1.	January 16, 2017:	Introduction and Financial Feasibility
2.	January 23, 2017:	Project Life Cycle and Permitting
3.	January 30, 2017:	Bidding and Negotiations
4.	February 6, 2017:	Project Execution
5.	February 13, 2016:	Shop Drawings
6.	February 20, 2016:	Change Orders
7.	February 27, 2016:	Project Closeout
8.	March 6, 2016:	Midterm Exam and Estimating
9.	March 13, 2016:	Scheduling
10.	March 20, 2016:	Construction Staging
11.	March 27, 2016:	Case Study
12.	April 3, 2016:	Specifications
13.	April 10, 2016:	Bonding
14.	April 17, 2016	Safety
15.	April 24, 2016	Claims and Risk
16.	May 1, 2016	Final Exam

Grading:

a. Homeworks – 15%
b. Site Visit Report – 10%
c. Scheduling Project – 10%
d. Estimating Project – 10%
e. Midterm Exam – 25%
f. Final Exam – 30%