

Spring 2020

CE 616-852: Construction Cost Estimating

Godson Oraedu

Follow this and additional works at: <https://digitalcommons.njit.edu/ce-syllabi>

Recommended Citation

Oraedu, Godson, "CE 616-852: Construction Cost Estimating" (2020). *Civil and Environmental Engineering Syllabi*. 383.

<https://digitalcommons.njit.edu/ce-syllabi/383>

This Syllabus is brought to you for free and open access by the NJIT Syllabi at Digital Commons @ NJIT. It has been accepted for inclusion in Civil and Environmental Engineering Syllabi by an authorized administrator of Digital Commons @ NJIT. For more information, please contact digitalcommons@njit.edu.

CE 616 CONSTRUCTION COST ESTIMATING
COURSE SYLLABUS
SPRING 2020

Time **Online – CE 616 Tier 852**
Instructor **Adj. Prof. Godson Oraedu**

ikeredus@aol.com Email
973-568-3715 Tel.

Course Outline

Session	Topic
Week 1 (1/21 to 1/27)	Welcome, Introduction to Estimating and Contract Procurement
Week 2 (1/28 to 2/03)	Project Scheduling and the Bid Documents
Week 3 (2/04 to 2/10)	Sitework & Bulk Excavation
Week 4 (2/11 to 2/17)	Concrete, Foundations and Masonry Systems
Week 5 (2/18 to 2/24)	Metals and Structural Steel
Week 6 (2/25 to 3/02)	Wood Framing, Rough and Finish Carpentry and Millwork
Week 7 (3/03 to 3/09)	Roof System, Thermal Insulation, Windows and Doors. - Term Project release (for bid proposals)
Week 8 (03/14)	MIDTERM EXAM
03/17 to 03/23	Spring Break
Week 9 (3/24 to 3/30)	Interior Finishes and Specialties
Week 10 (3/31 to 4/06)	MEP Systems, Review of Subcontractor Bids and Proposals
Week 11 (4/07 to 4/13)	Non-Union, Prevailing Wage, Union Rates, Productivity
Week 12 (4/14 to 4/20)	General & Supplementary Conditions
Week 13 (4/21 to 4/27)	Work Sessions (bid preparations)
Week 14 (4/28 to 5/04)	Bids due / Bid Opening
Week of 05/05	No Class – Reading week
Week 15 – 05/12	FINAL EXAMINATION

COURSE ORGANIZATION

Grading

93 – 100	A
90 – 92	B+
83 – 89	B
80 – 82	C+
70 – 79	C
60 – 69	D
< 60	F

<u>Grading</u>	<u>% (approx.)</u>
Midterm	25%
Participation/Discussions	15%
Bid Proposal	35%
<u>Final Exam</u>	<u>25%</u>
Final Grade	100%

Academic Integrity Statement

Students participating in this class agree to conform to, abide by, and agree to the sanctions of the University Code of Academic Integrity. The code is available for review on the NJIT website.

“Academic Integrity is the cornerstone of higher education and is central to the ideals of this course and the university. Cheating is strictly prohibited and devalues the degree that you are working on. As a member of the NJIT community, it is your responsibility to protect your educational investment by knowing and following the academic code of integrity policy that is found at: <http://www5.njit.edu/policies/sites/policies/files/academic-integrity-code.pdf>.

Please note that it is my professional obligation and responsibility to report any academic misconduct to the Dean of Students Office. Any student found in violation of the code by cheating, plagiarizing or using any online software inappropriately will result in disciplinary action. This may include a failing grade of F, and/or suspension or dismissal from the university. If you have any questions about the code of Academic Integrity, please contact the Dean of Students Office at dos@njit.edu”

Office Hours: By Appointment