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Spring 2020

## CE 616-102: Construction Cost Estimating

Godson Oraedu

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**CE 616\_102 CONSTRUCTION COST ESTIMATING**  
**COURSE SYLLABUS**  
**SPRING 2020**

**Time** Tier 102 Tuesday 6:00–8:50PM  
**Instructor** Adj. Prof. Godson Oraedu

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

**Course Outline**

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

## 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	10%
Bid Proposal	40%
<u>Final Exam</u>	<u>25%</u>
<b>Final Grade</b>	<b>100%</b>

### 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](mailto:dos@njit.edu)”*

Office Hours: By Appointment

Reference Materials/Text: Either of the following:

RS Means Estimating Handbook. 3<sup>rd</sup> Edition

Means Estimating Handbook. 2<sup>nd</sup> Edition

# CE 616 Construction Cost Estimating Intro Survey

Name (Last, First): \_\_\_\_\_

Preferred Name: \_\_\_\_\_

E Mail Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

What degree do you expect to obtain? \_\_\_\_\_

Do you work? No Yes: Full Time \_\_\_\_\_ Part Time \_\_\_\_\_

Have you worked in the construction industry? No Yes: Where? \_\_\_\_\_

What job do you expect to have in two years? \_\_\_\_\_

What do you hope to get out of this class? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

What is your favorite blog or online news source? \_\_\_\_\_

## Student Responsibilities

1. Students are responsible for attending all classes, submitting all assignments, and contacting the Professor by email or in person as soon as possible to address any problems. Students are responsible for following up on all questions or issues.
2. Students are responsible for reading material before class.
3. If absent, students are responsible for obtaining the missed notes and assignments from their classmates. No extensions will be given for assignments given while a student was absent. Class slides, when used, may not be distributed.
4. Students should be prepared to participate in class.
5. Students are responsible for abiding by the policies above.
6. Students are responsible for keeping track of their syllabus.

## Course Agreement

I have received the course syllabus. We reviewed the policies and student requirements in class. I understand my responsibilities and I agree to abide by this syllabus.

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_