

Construction Estimating I

BCN 3611C, Section 9533

MW, Period 2 (8:30 AM – 9:20 AM), 215 Rinker Hall
R, Period 3-4 (9:35 AM - 11:30 AM), 206 Rinker Hall

Fall 2016

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Office hours are M/W Period 4-5, and by appointment.

Course Description:

Classification of work, quantity survey techniques and basic estimating principles applied to simple construction projects.

Course Learning Outcomes (CLOs):

Upon completion of the course, students will demonstrate their ability to:

1. Understand the significance of estimating to the construction industry and identify the duties, responsibilities, and risks associated with construction estimating. (ACCE SLOs 4, 13)
2. Recognize different types of estimates and their uses. (ACCE SLO 4)
3. Read and interpret the drawings and specifications. (ACCE SLO 7)
4. Perform quantity takeoffs based on the drawings and specifications and generate detailed estimates. (ACCE SLO 4)
5. Use computer to assist in quantity takeoffs. (ACCE SLOs 4, 10)
6. Be aware of the ethical questions that arise in construction estimating. (ACCE SLO 6)

Additional information on the BCN undergraduate learning outcomes is available at:

<https://catalog.ufl.edu/ugrad/current/construction/ALC/building-construction.aspx>.

Required Texts:

Estimating in Building Construction, by Dagostino and Peterson, 8th Edition, Prentice Hall.

Course Policy:

1. No late homework or make-up exams (excuses for such are defined by the university rules and regulations).
2. Quizzes will be conducted during the first ten minutes of the class, there will be no makeup quizzes.
3. Class attendance is required. If absence is necessary, instructor is to be notified before the fact.
4. Each and every student is entitled to as much consultation time as may be required. To preserve the privilege of obtaining individual assistance, each student is expected to attend class regularly.
5. In-class participation and questions are encouraged. They may positively influence grading decisions in borderline cases.
6. All cell phones must be off, not vibrate, but off while in class. All cell phones will be inside back packs or otherwise stored away from the student during all examinations. Laptops can only be used when instructed.
7. All students are required to have a University network account to access the computers and e-learning.

Requirements for attendance, make-up exams, assignments and other work in this course are consistent with UF policies found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Grading Policy:

Students are responsible for the content of all reading materials, whether or not the material is covered in class. See the detailed course schedule for deliverable due dates. Students are responsible for addressing grades within one week of the grade being posted on the course's e-Learning website. After one week, the grade stands for the class regardless of cause or circumstance.

Quizzes	10%
Homework	15%
Project(s)	20%
Exam #1	15%
Exam #2	15%
Exam #3	15%
Final Exam	10%
Total	100%

Grading Scale:

Final grades will be assigned according to the following scale. Divide the total points you earn by the total possible points to obtain your percent. Decimal points will not be rounded.

Percent	Letter Grade	Grade Points
93.0 - 100	A	4.00
90.0 - 92.99	A-	3.67
87.0 - 89.99	B+	3.33
83.0 - 86.99	B	3.00
80.0 - 82.99	B-	2.67
77.0 - 79.99	C+	2.33
73.0 - 76.99	C	2.00
70.0 - 72.99	C-	1.67
67.0 - 69.99	D+	1.33
63.0 - 66.99	D	1.00
60.0 - 62.99	D-	0.67
0 - 59.99	E	0.00

More information on grades and grading policies at UF is available at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Students Requiring Accommodations:

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Course Evaluation:

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

Class Demeanor:

It is expected that everything submitted for a grade will be professional, with correct spelling and grammar. The expectations and caliber of the work expected in this course are elevated to the level of the business community and evaluated against that baseline. Work that may have been previously accepted during your academic career may no longer be acceptable here. When available, use software to produce your work. If your work product is considered unacceptable in the workplace, then it is unacceptable here. The goal is for all work to represent what you would submit to your immediate boss in a job scenario. If your boss won't accept, then we won't either.

This course has been taught for many years and as a result there may be a temptation to “rely on the work of others” for inspiration. Should the instructor determine that a student's work is substantially similar to that of another (either past or present) the student may be subject to a rejection of that assignment and will be cited with an honor court violation. Similarly, the use of materials, worksheets, or data from previous semesters is considered cheating. Your work is subject to electronic verification by TurnItIn® or other technologies.

University Honesty Policy:

Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the UF Student Honor Code at <http://www.dso.ufl.edu/students.php>. Although joint work on assignments may be acceptable in some cases, duplication of an assignment, both manually or by computer will be considered an act of academic dishonesty and dealt with accordingly. On all work submitted for credit by students at the university, the following pledge is either required or implied: "**On my honor, I have neither given nor received unauthorized aid in doing this assignment.**" Guided by these principles now and forever, I am a Gator!

Counseling and Wellness Center

Contact information for the Counseling and Wellness Center is available on the web at <http://www.counseling.ufl.edu/cwc/Default.aspx> or by phone at (352) 392-1575; and the University Police Department: (352) 392-1111 or 9-1-1 for emergencies.

Course Schedule and Assignments

WEEK	TOPIC	CHAPTER(S)	ASSIGNMENT(S)	NOTES
1	Introduction and Course Requirement	1-4		First Class: Aug. 22 nd
2	Introduction to Construction Estimating	1-4		
<i>September 5 Labor Day, No Class</i>				
3	Concrete	10	HW 1 Due	
4	Concrete	10		
5	Masonry	11		Exam #1
6	Masonry	11	HW 2 Due	
7	Metal	12		
8	Wood	13		Exam #2
<i>October 14-15 Homecoming, No Class</i>				
9	Thermal and Moisture Protection	14	HW 3 Due	
10	Doors and Windows	15		
11	Finishes	16		
12	Finishes	16	HW 4 Due	
<i>November 11 Veterans Day, No Class</i>				
13	Excavation	9		
14	MEP, Specialty Systems	17-19		Exam #3
<i>November 23-26 Thanksgiving Holiday, No Class</i>				
15	MEP, Specialty Systems	17-19		
16	Advanced Technologies in Constr. Estimating	5 and beyond	Project Due	Last Class: Dec. 7 th
<i>Final Exam- Friday, December 16, 2016 – 10:00 am-12:00 pm (16B)</i>				

Disclaimer: This Syllabus is provided for informational purposes regarding the anticipated course content and schedule. It is based on the most recent information available as of the date of its issuance. It is as accurate and complete as is possible at this time. The instructors reserve the right to make any changes deemed necessary and/or appropriate. An effort will be made to communicate any syllabus changes in a timely manner. Students are responsible for being aware of these changes.