

Course Syllabus for BSCI 7106, Construction Cost Estimating, Fall 2014, 3 Credits

INSTRUCTOR: Darren Olsen **Office:** 228 Gorrie Center **Phone:** 844-4186
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OFFICE HOURS: Available via telephone or email Monday – Friday 8:00am – 5:00pm

COURSE DESCRIPTION: Explores concepts, methods, and procedures used in construction estimating. Further, this course seeks to define the estimate's role in project delivery and administration.

COURSE OBJECTIVES:

- To understand the role of estimating in the construction industry.
- To analyze construction documents and perform quantity takeoff.
- To apply pricing data to takeoff quantities.
- To understand bid procedures, controls and strategy.
- To apply estimating software such as Excel, Means Cost Works, Earthworks, On-Screen Takeoff.
- To analyze and discuss construction ethics relating to the estimating process.
- To understand the materials and methods used in construction.

COURSE POLICIES:

This syllabus and the policies contained herein may be changed during the semester at the discretion of the professor. Students are expected to attend class and participate actively. Students are encouraged to ask the professor questions outside of class concerning material which they do not understand.

ATTENDANCE:

Class attendance is strongly encouraged. Please see to it that you make every effort to attend classes when offered in live sessions and online as this provides an opportunity to ask questions and receive immediate feedback.

TESTING:

There will be two regularly scheduled tests and one final exam. There will be no make-up tests (except in cases of an extreme emergency). The final examination is mandatory.

EMAIL/BLACKBOARD:

E-mail is recognized as an official means of communication by the University. You are responsible for any class requirements and schedules that are altered in a timely manner using your Auburn e-mail. This is a Canvas supported course, grades and other pertinent information will be posted on Canvas.

GRADING:

GRADING		SCALE	
Component	Points	Total Points	Grade
Quizzes 3 @ 20	60	90-100	A
Assignments	15	80-89.99	B
Bid Simulation	10	70-79.99	C
Final Quiz	15	60-69.99	D
TOTAL	100	<60	F

Grades may be curved on a uniform basis such as normal distribution curve at the professor's discretion at the end of the semester.

The Final Quiz is tentatively scheduled for November 18

SPECIAL NEEDS:

Students who need accommodations are asked to arrange a meeting during office hours the first week of classes, or as soon as possible if accommodations are needed immediately. If you have a conflict with my office hours, an alternate time can be arranged. To set up this meeting, please contact me by E-mail. Bring a copy of your Accommodation Memo and an Instructor Verification Form to the meeting. If you do not have an Accommodation Memo but need accommodations, make an appointment with the program for Students with Disabilities, 1244 Haley Center, 844-2096.

CHEATING:

The policy regarding cheating is as follows:

Auburn University expects students to pursue their academic work with honesty and integrity. Violations of this principle, which are enumerated in the Tiger Cub include:

1. *Any communication between students during an examination.*
2. *Plagiarism (submission of work that is not one's own without proper acknowledgment).*

Students caught cheating will either a) be reported to the AU academic honesty committee, b) receive a grade of "F" on the assignment, or c) receive a grade of "F" in the class, depending upon the severity of the violation.

TENTATIVE SCHEDULE:

Date	Day	Location	Class Description	Assignments Due
12-Aug-14	Tuesday	Auburn	Introduction, Project Delivery, Alternative Delivery, Role of the Estimator	
13-Aug-14	Wednesday	Auburn	Plan Reading - Units of Measure, Prequal & Ethics, Jobsite Overhead,	
14-Aug-14	Thursday	Auburn	Introduce OST, Conceptual Estimate, Division 2	
15-Aug-14	Friday	Auburn	Division 3	
19-Aug-14	Tuesday	Web	Quiz 1	
26-Aug-14	Tuesday	Web	Division 3	
2-Sep-14	Tuesday	Web	Division 4	
9-Sep-14	Tuesday	Web	Division 4	Div 1 -3
16-Sep-14	Tuesday	Web	Division 5 & 6	
23-Sep-14	Tuesday	Web	Quiz 2	
30-Sep-14	Tuesday	Web	Division 7 & 8	Div 4-5
7-Oct-14	Tuesday	Web	Division 9	
14-Oct-14	Tuesday	Web	Division 10 -16, Markups	Div 9
21-Oct-14	Tuesday	Web	Quiz 3	
28-Oct-14	Tuesday	Web	Bid Day	
4-Nov-14	Tuesday	Web	Bid Review / Change Management	
11-Nov-14	Tuesday	Web	Change Management	
18-Nov-14	Tuesday	Web	Final Exam	