## CE 557 Advanced Building Estimating (3)
### 2011 Spring Semester — Course Syllabus

<table>
<thead>
<tr>
<th>Class</th>
<th>Wednesday</th>
<th>6:40p.m. - 9:20p.m.</th>
<th>KAP 140</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>Len Marvin, AIA, CSI, LEED GA</td>
<td></td>
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<tr>
<td>Email</td>
<td><a href="mailto:lenmarvi@usc.edu">lenmarvi@usc.edu</a></td>
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<tr>
<td>Office Hours</td>
<td>5:30 p.m. to 6:30 p.m. on Wednesdays in the Tutor Hall Café</td>
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RS Means Company  
Published by Reed Construction Data  
| Course Description | Processes in compiling a bid for construction of non-residential building. |
| Course Objectives | Fulfill degree requirements.  
Become familiar with construction materials and methods.  
Become familiar with principles of construction estimating  
Develop knowledge and skills for practicing the profession of architecture and construction. |
| Learning Objectives | Includes lectures, estimating assignments and jobsite visits.  
Students are expected to fully participate in classroom discussions.  
Students are expected to attend two of the three jobsite tours.  
Tardiness will not be tolerated.  
Absences are excused only with prior approval via e-mail and/or telephone.  Two (2) unexcused absences will result in a failure grade.  
Cell phones and pagers must be turned off during class. |
| Instruction | |
| Policies on: | |
| Estimating Assignments | The estimating assignments relating to the various building components and systems are listed in the class schedule.  
Each student is expected to do all of the estimating assignments.  
You may consult with each other when doing these assignments.  
Each estimating assignment must ultimately be the individual work of each student.  
These assignments are NOT meant to be group assignments. |
| Field Trips | During the semester, we will visit several construction sites to conduct research studies, discussions and on-site observation of projects under construction.  
These construction site visits will be scheduled outside of class time on Saturday mornings.  
We will announce these field trips in the class syllabus if possible.  You are required to attend all three of these Saturday morning jobsite visits. |

ENE 428 Introduction to Air Quality — 20103
Use your class time.
Includes:

a. Examination behavior – any use of external assistance during an examination or quiz shall be considered academically dishonest unless expressly permitted by the teacher.

b. Fabrication – any intentional falsification or invention of data or citation in an academic exercise will be considered a violation of academic integrity.

c. Plagiarism – the appropriation and subsequent passing off of another’s ideas, words, or work as one’s own. If the ideas, words or work or another are used, acknowledgement of the original source must be made through recognized referencing practices.

d. Other types of Academic Dishonesty – submitting a paper or assignment written by or obtained from another, using a paper or essay in more than one class without the teacher’s express permission, obtaining a copy of an examination or quiz in advance without the knowledge and consent of the teacher, changing academic records outside of normal procedures and/or petitions, using another person to complete homework assignments, take-home exams or chapter projects without the knowledge and consent of the teacher.

The use of unauthorized material or communication with a fellow student or students for quizzes and examinations, attempting to benefit from work of another student, past or present similar behavior that defeats the intent of the quiz or examination, is unacceptable to the University. It is often difficult to distinguish between a culpable act and inadvertent behavior resulting from nervous tensions accompanying quizzes and examinations. However, where a clear violation has occurred, the instructor may disqualify the student’s work as unacceptable and assign a failing mark for the assignment, quiz or examination.

| Academic Dishonesty          |  |
|------------------------------|  |
| Estimating Assignments       | 80 % |
| Jobsite Tour Attendance      | 15 % |
| Participation                | 5 %  |
| **Total**                    | **100 %** |
# CE 557 Advanced Building Estimating (3)
2011 Spring Semester — Course Syllabus

**Class Schedule**

<table>
<thead>
<tr>
<th>Meeting</th>
<th>Date</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/13</td>
<td>Introduction</td>
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</tbody>
</table>
| 2       | 1/20 | Receive drawing sets  
Assign footings |
| 3       | 1/27 | *Discuss footings  
Assign slab-on-grade, masonry walls and second floor slab |
| 4       | 1/30 | SATURDAY JOBSITE TOUR (9:00 AM TO 12:00 Noon) |
| 5       | 2/3  | NO CLASS / SATURDAY JOBSITE TOUR |
| 6       | 2/10 | *Discuss slab-on-grade, masonry walls and second floor slab  
Assign second floor structural steel |
| 7       | 2/17 | NO CLASS / SATURDAY JOBSITE TOUR |
| 8       | 2/24 | *Discuss second floor structural steel  
Assign roofing and waterproofing |
| 9       | 2/27 | SATURDAY JOBSITE TOUR (9:00 AM TO 12:00 Noon) |
| 10      | 3/3  | *Discuss roofing and waterproofing  
Assign second floor doors and windows |
| 11      | 3/10 | *Discuss second floor doors and windows  
Assign second floor metal studs and gypsum board |
| 12      | 3/17 | NO CLASS / SPRING BREAK |
| 13      | 3/24 | *Discuss second floor metal studs and gypsum board  
Assign second floor plaster, tile and painting |
| 14      | 3/31 | *Discuss second floor plaster, tile and painting  
Assign specialties and elevators |
| 15      | 4/3  | SATURDAY JOBSITE TOUR (9:00 AM to 12:00 Noon) |
| 16      | 4/7  | *Discuss specialties and elevators  
Assign second floor mechanical and plumbing |
| 17      | 4/14 | *Discuss second floor mechanical and plumbing  
Assign second floor electrical |
| 18      | 4/21 | NO CLASS / AGC SYMPOSIUM |
| 19      | 4/28 | *Discuss second floor electrical  
Discuss general items  
Last day of class |

* Assignment to be completed for class by this date
STATEMENT ON ACADEMIC INTEGRITY

USC seeks to maintain an optimal learning environment. General principles of academic honesty include the concept of respect for the intellectual property of others, the expectation that individual work will be submitted unless otherwise allowed by an instructor, and the obligations both to protect one’s own academic work from misuse by others as well as to avoid using another’s work as one’s own.

All students are expected to understand and abide by these principles. SCampus, the Student Guidebook, contains the Student Conduct Code in Section 11.00, while the recommended sanctions are located in Appendix A: http://www.usc.edu/dept/publications/SCAMPUS/gov/. Students will be referred to the Office of Student Judicial Affairs and Community Standards for further review, should there be any suspicion of academic dishonesty. The Review process can be found at: http://www.usc.edu/student-affairs/SJACS/.

STATEMENT FOR STUDENTS WITH DISABILITIES

Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered to me (or to TA) as early in the semester as possible. Your letter must be specific as to the nature of the accommodations granted.

DSP Contact Information

- Office location: STU 301
- Hours open: 8:30 a.m. until 5:00 p.m. — Monday through Friday.
- Phone number: (213) 740-0776