The University of Southern Mississippi
College of Science & Technology – School of Construction
AEC132/L – Architectural Graphics

COURSE SYLLABUS

Instructor
☐ Shane Germany
☐ 118 College Drive Box #5138
☐ Office: 601.266.6273
☐ Fax: 601.266.5717
☐ shane.germany@usm.edu

Office Hours
☐ See attached Office Hours for the Instructor.

Drop Date
☐ August 27, 2014 last day to drop the class without Academic Penalty.

Prerequisites
☐ None

Credit Hours
☐ 1hr Lab

Course Description
☐ Introduction to the fundamental principles and techniques used to graphically represent architectural content and ideas.

Course Overview
☐ The purpose of the Lab is to provide students with hands on experience developing drafting skills required to pursue academic or professional careers in the architecture, engineering, construction (AEC) and related disciplines. This course is suitable for students from all levels and backgrounds as an introduction to the AEC industry.
Course Outcome(s)
- Students will learn to draw & develop architectural & engineering illustrations covering a broad range of building sciences & trades. Students will be required to utilize hand-sketching methods and standard Computer Aided Drafting & Design (CADD) software to create design & construction documents.

Student Learning Outcomes
- At the end of the instruction, students can complete the following tasks:
  - Given design requirements, develop a basic design solution and further develop a set of CADD drawings of architectural & engineering building elements, views, sections, & details.
  - Employ typical vocabulary, graphic symbols, standards & language used in architecture, engineering, & construction.

Course Communication
- Outside of the classroom, the main point of communication shall be via Blackboard and/or email. Students must originate emails from their campus email address and utilize proper email etiquette. Subject headings for all email should begin with “AEC132”.

Required Text(s) and Readings
- Textbooks:
  - Status: Required
  - ISBN: 9781435481626
  - Arch Drafting & Design, Author: Cengage Learning, Publisher: Cengage, Edition: 6th, Year Published: 2011
  - Status: Required
  - ISBN: 9781585037209
  - Residential Design Cad 2013, Author: Stine, Publisher: SDC, Year Published: 2013
- Other Supplementary material provided by the Instructor in digital format or available online as required.

Technology Requirements
- Access to and fully functional use of Blackboard & campus email. The ability to download, save, and read Microsoft Office & Adobe pdf documents.

Class Procedures and Requirements
- All assignments and course materials will be available via Blackboard. Tests, Quizzes, and assignment deliverables will be administered and submitted via Blackboard only unless student accommodations are required and pre-arranged.
- Typical classroom Lecture & Lab content will follow this format:
  - Open Lab time for students to work individually or in groups to complete exercises & projects using various software tools.
  - Students can expect to dedicate ample non-classroom time to review materials, complete exercises, and/or independently study the
course materials and assignments.
☐ See attached Tentative Class Schedule for additional information.

**Class Participation Policy**

☐ For face-to-face sections, **attendance is mandatory**. Excused absences and a written proposal for completing missed work must be pre-approved by the Instructor prior to. Emergency, Medical, or Athletic/Academic leaves must be processed by the University and/or School of Construction and documentation shall be provided from administration. **Two (2) or more Unexcused or Unauthorized absences will result in a failing grade for the semester.** Missing assignments, tests, materials, etc. due to Unexcused or Unauthorized absences automatically receive a zero.

☐ For Online sections, distance learning allows students to work around their schedule, however, logging in and completing all the discussions and activities on the final day of the module will not be considered “professional participation”. Students should participate at least three times on the weekly discussion board by responding to the initial question and then replying to two other student’s comments with quality responses. Chat and live classroom participation will also be required.

**Evaluation Criteria (% of final average)**

☐ Evaluation Criteria for assignments, quizzes, exams, exercises, etc… shall be weighted to a Final Grade and categorized as follows:
   - 60% CAD Chapter Exercises, Supplementary CAD Exercises
   - 40% Final Project

**Grading Scale**

| 90-100 | A  |
| 80-89  | B  |
| 70-79  | C  |
| 60-69  | D  |
| 0-60   | F  |

**Late Assignments or Projects**

☐ Late work will not be accepted.

**Academic Honesty**

The following is from the USM Undergraduate Bulletin:

“When cheating is discovered, the faculty member may give the student an F on the work involved or in the course. If further disciplinary action is deemed appropriate, the student should be reported to the Dean of Students. In addition to being a violation of academic honesty, cheating violates the Code of Student Conduct and may be grounds for probation, suspension, and/or expulsion.”
Students on disciplinary suspension may not enroll in any courses offered by The University of Southern Mississippi.”

**ADA Policy**
If a student has a disability that qualifies under the American with Disabilities Act (ADA) and requires accommodations, he/she should contact the Office for Disability Accommodations (ODA) for information on appropriate policies and procedures. Disabilities covered by ADA may include learning, psychiatric, physical disabilities, or chronic health disorders. Students can contact ODA if they are not certain whether a medical condition/disability qualifies.

**Address:**
The University of Southern Mississippi  
Office for Disability Accommodations  
118 College Drive # 8586  
Hattiesburg, MS 39406-0001  

**Voice Telephone:** (601) 266-5024 or (228) 214-3232  
**Fax:** (601) 266-6035

Individuals with hearing impairments can contact ODA using the *Mississippi Relay Service* at 1-800-582-2233 (TTY) or email Suzy Hebert at Suzanne.Hebert@usm.edu.

**Tentative Class Schedule**
- See attached