COURSE SYLLABUS

Instructor
• Jessica Hardy
• 118 College Drive #5138, Hattiesburg, MS 9406-5138
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• Fax: 601-266-5717
• JL.Hardy@usm.edu
• https://usm.instructure.com/login/canvas

Office Hours
• MW 2:30 – 4:00 pm
• TR 2:00 – 4:00 pm

Drop Date
• Verify with academic calendar: https://www.usm.edu/registrar/calendars

Prerequisites
ACT 234. Students should be able to use AutoCAD, Microsoft Word and Power Point and possess basic computer literacy.

Credit Hours
3 semester credit hours. Tue and Thu 11:00-12:15 in TEC 116

Course Description
This course covers the development of construction drawings and coordination of specifications for the design and construction of buildings.

Course Overview
This course is designed to provide architectural and construction students with an overview of the methods, language, and techniques used develop a working set of design and construction documents. Special emphasis will be on architectural drafting, symbols, and vocabulary as well as building systems, materials, and construction methods. Students will develop the drawings using industry standard AutoCAD software.

Course Outcome(s)
Students will develop and prepare construction documents from a given design using best practices and industry standard detailing and construction methods.
Student Learning Outcomes
At the end of the instruction, students can complete the following tasks:
1. Develop a set of construction drawings and details for a prescribed schematic design including plans, elevations, sections, details, schedules.
2. Investigate the use of codes and zoning for construction
2. Have an introductory knowledge about product selection based on manufacturer’s libraries and product information.
3. Have an introductory knowledge about specifications with drawing details and design intent.
4. Use industry standard AutoCAD software to develop 2D models for use in construction documentation and detailing using typical building construction methods.

Course Communication
The primary mode of communication outside of the classroom will be via e-mail and blackboard. The instructor will check email regularly, and you should receive a response within one business day of successfully sending the e-mail. Students must originate emails from their campus email address and proper email etiquette is expected. In the event that you experience technical problems or the instructor is unable to respond due to extenuating circumstances, you are encouraged to contact the School of Construction main office staff for assistance.

Required Text (s) and Readings
Architectural Graphics Standards-Student edition, 11th edition,
Author: Ramsey/Sleeper, Publisher: Wiley
Professional Practice of Architectural Working Drawings, 4th edition, Author: Wakita, Publisher: Wiley
Building Construction Illustrated, 5th edition, Author: Ching, Publisher: Wiley
Other online material will be provided by the instructor available to the students on blackboard.

Technology Requirements
Access to and fully functional use of Blackboard and campus email.
The ability to download, save, and read Microsoft Office and Adobe pdf documents.
Access to and advanced competency with computer aided design and documentation software as required to produce and present design documents of architecture and construction related media.

Class Procedures and Requirements
Students are required to be in attendance during class hours productively engaged in individual and group design activities. There will be a regular program of lectures, typically occurring during the regular class hours. Attendance at these lectures is mandatory and students are responsible for understanding and using the material presented.

Assignments are due in the beginning of class, based on the tentative class schedule (to be provided on Thursday). Late assignments will have one letter grade deduction per day.
Class Participation Policy
Attendance is mandatory. Excused absences and a written proposal for completing missed work must be pre-approved by the Instructor prior to absence. Emergency, Medical, or Athletic/Academic leaves must be processed by the University and/or School of Construction and documentation shall be provided from administration. Missing tests, and quizzes, etc. due to Unexcused or unauthorized absences automatically receive a zero.

Writing and Speaking Centers
Both Centers are located in the Cook Library. The Writing Center is in room 112 and the phone number is 601.266.4821. The Speaking Center is in room 114 and the phone number is 601.266.4965. The Web sites are http://www.usm.edu/speakingcenter and http://www.usm.edu/writingcenter. Both Centers are designed to assist students, at no cost, to improve their written and oral assignments. The instructor recommends that you visit them to help you improve aspects of your assignments.

Evaluation Criteria

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<tr>
<th>Item</th>
<th>Percent</th>
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<tbody>
<tr>
<td>Exam</td>
<td>20 %</td>
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<tr>
<td>Quizzes</td>
<td>10 %</td>
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<tr>
<td>Initial submittal of drawings</td>
<td>30 %</td>
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<tr>
<td>Final drawing package</td>
<td>30 %</td>
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<tr>
<td>Attendance / Participation</td>
<td>10 %</td>
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Grading Scale

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

Final Exam
Final exam will be held on Tuesday May 8th 10:45-1:15 PM
**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.