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
• Last day to drop the class without Academic/Financial Penalty: January 20, 2015
• Last day to drop the class and receive a “W” grade: April 1, 2015

Course Credit Hours, Requisites, Description:
• 2hr Lecture; Prerequisite(s): AEC 132 and AEC 204. Corequisite(s): ACT 262L;
  Residential planning and design. Application of analytical techniques, problem-solving
  processes and design factors in the planning and design of single and multifamily
  housing.

Course Overview
• The Lecture materials focus on developing and evaluating a program, and further
  elaborating the schematic design into building assemblies, material selection, and
  architectural style elements using architectural precedence. Structural & Systems shall
  be loosely considered but site/environmental conditions must be accounted for.

Course Outcome(s)
• Students will develop and document a proposed solution to an architectural design
  problem from programming & pre-design through schematic design.

Student Course Objectives
• Programming: Develop an architectural program based on functional & aesthetic need.
• Precedence: Research and document architectural precedence based on historical or
  proven examples and apply them to a new architectural design.
• Design: Apply principles of form and spatial organization to an architectural program.
• Design: Select building assemblies, materials, and architectural style elements and apply
  them to a new architectural design.
• Communication: Document and communicate architectural design solutions through the
  use of presentation media, illustrations, drawings, and written means.

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 the class
  number, example: “ACT262”.

Required Texts, Readings, & Class Materials

- Textbooks:

  - ACT 262-H001 Arch Design I (2127) LEC

    | Status | ISBN       | Title                                                      | Author          | Publisher          | Year |
    |--------|------------|------------------------------------------------------------|-----------------|--------------------|------|
    | Required | 9781118745083 | Architecture: Form, Space, and Order          | Ching           | Wiley              | 4th  |

- Other Supplementary Reading material provided by the Instructor in digital format or available online as required.
- Tracing Paper, preferably in rolls of min. 12” width
- Final Project Proposals will require a maximum of two (2) 24”x36” presentation boards. Presentation material should be printed on high-gloss paper or laminated, mounted to foam-core backers. Presentation boards will not be returned to the student.

Technology Requirements

- Use of scanner, plotter, printers, and equipment as required.
- Software competencies:
  - Architectural CADD design & documentation programs
  - Microsoft Office including Excel, Word, & Powerpoint
  - Ability to open, share, & print to PDF
  - Image editing & manipulation software ie… Photoshop or other

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.
- 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.

Evaluation Criteria (% of final average)

- Evaluation Criteria for assignments, quizzes, exams, exercises, etc... shall be weighted to a Final Grade and categorized as follows:
  - 30% Quizzes & Readings
  - 15% Architectural Precedence Paper
  - 15% Site Master Planning
  - 15% Programming
  - 15% Schematic Design
  - 10% Final Design Documents Presentation
Grading Scale
- Rubrics are provided for all assignments.
- Cumulative rubric scores for each Evaluation Criteria are equated to a 100pt scale.
- Final Grades are determined by a total of all Evaluation Criteria as weighted above. Numerical values are assigned Letter grades assigned as shown.

<table>
<thead>
<tr>
<th>Numerical Value</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-69</td>
<td>D</td>
</tr>
<tr>
<td>70-79</td>
<td>C</td>
</tr>
<tr>
<td>80-89</td>
<td>B</td>
</tr>
<tr>
<td>90-100</td>
<td>A</td>
</tr>
</tbody>
</table>

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.