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
• AEC132/L

Credit Hours
• 3hrs

Course Description
• ACT348 Modeling and Animation Applications I: Computer modeling and animation developed with industry standards design software; 3hrs; Requires AEC 132/L or demonstrated Computer-Aided Design and Drafting experience.

Course Overview
• This course is designed to provide students with the basic tools and knowledge required to create and develop Computer Aided Design (CAD) and three-dimensional (3D) drawings, models, and media for use in the Architecture and/or Construction office. Students will learn industry standard techniques used to develop digital images, renderings, and animations based on various design documents.

Course Outcome(s)
• Students will learn fundamental software skills and techniques required to create 3D visualizations, renderings, animations, and analysis for architecture & construction use.

Student Learning Outcomes
• Create 3D visualizations from verbal and/or visual descriptions of building systems & construction methods.
• Plan, organize, & develop models & utilize software tools as required to produce visual media for promotional, scheduling, or analysis.
• Utilize typical vocabulary, graphic symbols, standards & language used in architecture, engineering, & construction to develop models.

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 “ACT348”.

Required Text (s) and Readings
• Textbooks:

<table>
<thead>
<tr>
<th>Status</th>
<th>Recommended</th>
<th>ISBN</th>
<th>Publisher</th>
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<tbody>
<tr>
<td></td>
<td>The Sketch Up Workflow for ACT, Author: Brightman,</td>
<td>9781118290149</td>
<td>Wiley</td>
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• 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:
  • 10-15 min. Review of previous week’s material, questions, comments, etc.
  • 1-2 Hour lecture on subject material.
  • Review & Clarify upcoming deliverables, assignments, etc...
  • Remaining class time available for one-on-one Instructor assistance at the request of the student.
  • 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.

Evaluation Criteria (% of final average)
• Evaluation Criteria for assignments, quizzes, exams, exercises, etc... shall be weighted to a Final Grade and categorized as follows:
  • 70% Assignments & Supplementary Exercises
  • 30% Final Project

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 as shown.

<table>
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<tr>
<th>Evaluation Criteria</th>
<th>A 90-100</th>
<th>B 80-89</th>
<th>C 70-79</th>
<th>D 60-69</th>
<th>F 0-60</th>
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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.