CPSC 8070
3D Modeling and Animation
Fall 2015
Syllabus

Instructor
Dr. Sophie Joerg
318 McAdams Hall
656-3436
Office hours: Wed 1:30pm-2:30pm
sjoerg@clemson.edu

Teaching assistant:
Kevin Boggs, 118 McAdams Hall (DPA lab), kaboggs@clemson.edu
Lab hours: Fri 1pm-2pm

Class Meeting Times
MW 10:10am-11:25am, McAdams 118C

Class Cancellation
Students are expected to wait for 15 minutes after the beginning of class before leaving if the instructor is late.

Materials
Textbook: Dariush Derakhshani, Introducing Maya 2014 (or 2015/2016), Sybex, 2013. (optional)

Grading
Final grades will be mostly based on projects. Class participation is also required, and includes: contribution to class discussion, engagement, and attitude.

Projects  75%
Class Exercises  15%
Participation   10%

Letter grades will be based on a 10-point scale. These ranges may be changed somewhat, but only to your advantage.
Projects
Projects will constitute a significant portion of your grade for the course. Each of these projects should follow the guidelines listed below.

- **Webpage** For each project or exercise add to your webpage:
  - description of the problem
  - description of the solution
  - images and/or videos produced

- **Source Files** For each assignment, you will be notified on the method for submitting source files, if required.

- **Late Work** Late assignments will be accepted with penalty (10%/day for projects, 33%/day for class exercises).

- **Independent/Team Work** You must work on projects independently, unless specifically authorized to work in teams. Cheating of any kind will not be tolerated and will result in significant penalties.

Course Topics
Topics for the course include:
- 3D Graphics Concepts
- Modeling
- Shading and Texturing
- Animation
- Motion Capture
- Rigging
- Lighting
- Rendering
- Scripting

Academic Integrity Statement
As members of the Clemson University community, we have inherited Thomas Green Clemson’s vision of this institution as a “high seminary of learning.” Fundamental to this vision is a mutual commitment to truthfulness, honor, and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in
any form. In instances where academic standards may have been compromised, Clemson University has a responsibility to respond appropriately to charges of violations of academic integrity.

Further information on academic integrity can be found in the Graduate School Policy Handbook:
www.clemson.edu/graduate/students/policies-procedures/index.html

Title IX (Sexual Harassment) Statement

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Further information can be found here:
http://www.clemson.edu/campus-life/campus-services/access/non-discrimination-policy.html