

**CPSC 8070**  
**3D Modeling and Animation**  
**Fall 2016**  
**Syllabus**

**Instructor**

Dr. Sophie Joerg  
318 McAdams Hall  
656-3436  
Office hours: Wed 1:30pm-2:30pm  
[sjoerg@clemson.edu](mailto:sjoerg@clemson.edu)

**Class Meeting Times**

TR 12:30pm-1:45pm, McAdams 110E

**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 2016* (or 2015), Sybex, 2015. (optional)  
*Digital Tutors*, <http://www.digitaltutors.com/> (required)

**Grading**

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

Projects	60%
Class Exercises	30%
Participation	10%

Letter grades will be based on a 10-point scale. These ranges may be changed somewhat, but only to your advantage.

**Projects and Class Exercises**

Projects and exercises 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

## Communication

You are required to check your Clemson email at least once a day. All email to the instructors must come from your Clemson email address.

## Recording Devices

Lectures may not be recorded without the written permission of the instructors, and you do not have the instructors' permission to use notes from the lectures for commercial lecture note purposes.

## Mobile Devices

Please silence your devices before class. Do not text during class.

## **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.

## **Accessibility Statement**

Clemson University values the diversity of our student body as a strength and a critical component of our dynamic community. Students with disabilities or temporary injuries/conditions may require accommodations due to barriers in the structure of facilities, course design, technology used for curricular purposes, or other campus resources. Students who experience a barrier to full access to this class should let the professor know, and make an appointment to meet with a staff member in Student Accessibility Services as soon as possible. You can make an appointment by calling 864-656-6848, by emailing [studentaccess@lists.clemson.edu](mailto:studentaccess@lists.clemson.edu), or by visiting Suite 239 in the Academic Success Center building. Appointments are strongly encouraged – drop-ins will be seen if at all possible, but there could be a significant wait due to scheduled appointments. Students who receive Academic Access Letters are strongly encouraged to request, obtain and present these to their professors as early in the semester as possible so that accommodations can be made in a timely manner. It is the student's responsibility to follow this process each semester. You can access further information here: <http://www.clemson.edu/campus-life/campus-services/sds/>.

## **Title IX (Sexual Harassment) Statement**

Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran's status, genetic information or protected activity in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972. This policy is located at <http://www.clemson.edu/campus-life/campus-services/access/title-ix/>. Mr. Jerry Knighton is the Clemson University Title IX Coordinator. He also is the Director of Access and Equity. His office is located at 110 Holtzendorff Hall, 864.656.3184 (voice) or 864.656.0899 (TDD).