Instructor
Dr. Timothy Davis
303 McAdams Hall
656-0309
Office hours: TTh 3:30-4:30
tadavis@cs.clemson.edu
http://www.cs.clemson.edu/~tadavis

Class Meeting Times
TTh 2:00-3:15 McAdams 118C

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

Textbooks


Disability Access
It is University policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities. Students are encouraged to contact Student Disability Services to discuss their individual needs for accommodation.

Grading
Final grades will be based on projects and a final with appropriate weights based on difficulty. The final will be a team project. Although attendance is not mandatory, professionalism is required and includes: contribution to class discussion, engagement, and attitude.

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Projects</td>
<td>60%</td>
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<tr>
<td>Final</td>
<td>30%</td>
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<tr>
<td>Professionalism</td>
<td>10%</td>
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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** A webpage with your solution to the project must include:
  - description of the problem
  - description of the solution
  - images produced by your code

- **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 deemed appropriate.

- **Independent/Team Work** You must work on projects independently, unless specifically authorized to work in teams.

Academic Integrity

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.

Clemson University Title IX

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 (e.g., opposition to prohibited discrimination or participation in any complaint process, etc.) 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 111 Holtzendorff Hall, 864.656.3181 (voice) or 864.565.0899 (TDD).

Goals and Objectives

This course will provide students with foundational principles and practice of digital compositing.

Course Topics

The course will cover the following topics, with an emphasis in Nuke:

- compositing techniques for single images
- compositing techniques for image sequences
- keying
- color correction
- match-moving
- rotoscoping
- file formats and compression
- image processing techniques