
Global Illumination

CSCI 711 (Spring 2015)

Projects

A list of projects for this semester can be found [here](#).

Introduction

This course will give a broad overview of the image synthesis process. This project will provide the opportunity to investigate, in-depth, one or more aspects of this process. As the best way to learn is often by doing, the project you choose will be an important means for getting familiar with an area of the image synthesis pipeline. It is also the primary means of assessment for the course.

Students will propose projects via a short proposal. Each project will be approved by the instructor by the end of the third week of class. If you have an idea for a project but are unsure about it, please see me as soon as possible to discuss it.

Team projects are acceptable, however, the complexity of the project should reflect the number of members of the team. All team members are expected to contribute equally to the final project. In general, I would anticipate that there would be no more than three members on a team.

Ultimately, this project will provide an opportunity for each of you to get experience with whatever it was that interested you enough about 3D Computer Graphics to sign up for this course. So choose wisely and have fun!

Project Deliverables

- **Proposal**

The proposal is a short document that describes the project to be undertaken.

-

- **Mid-Term Week Presentation**

During MIDTERM Week (Week 8), each team will be required to give a 5-10 minute update presentation in class. Presentation will be strictly timed not to exceed 5-10 minutes each. It is advised that some visual work in progress be shown at this presentation.

- **Project Report/Documentation on Web Page**

This is a final report for your project. Details on the format and content for this report will be given later in the quarter.

- **Presentation / Demonstration**

During finals week, each individual/team will make a presentation to the class and/or instructor about their project. This is essentially an oral summary presentation of your report. For projects that are applications, a demo of the system is likely to be appropos. Please let the instructor know in advance which hardware may be required for the demo. We may be able to arrange to hold class in an ICL for the presentations. I will organize the presentations based on topic and/or system requirements as the quarter progresses.

Peer reviews of the presentations are an assessment component.

- **Team Member Evaluations**

For team projects, each member of the team will have the opportunity to rate the effectiveness of the other team members and give feedback on the effectiveness of the team as a whole. Teammate evaluation forms will be available on mycourses.

Project Assessment/Due Dates

The project will be graded on a 100 point system with the various parts of the project having the following weights:

	Points	Due Date:
Proposal	10	Feb 10
Mid-Term Presentations	20	Mar 17-19
Documentation/Report	20	May 20
System / Code	20	May 20
Presentation	20	May 20
Peer Reviews	10	May 20
Team Evaluations	+/- bonus points	May 20

It is extremely important to continue to make progress as the course progresses. If you foresee any problems with meeting deliverable deadlines, please see the instructor **well in advance of the deadline** that might be missed we can attempt to work out alternate arrangements. Late submissions without prior permission or notification will be heavy penalized.

last updated 01/15/2015