

# Term Project

## CS174A – Introduction to Computer Graphics – Fall 2014

The term project is the major part of your grade for this course – 400 points.

You are required to form a team of at least three people and no more than five people for a term project.

You can propose whatever graphics based programming project you like for your term project. You will have about three and a half weeks to officially work on the project. Your team will consist of; at least, three people on your team so make the project worthy of the level of people, resources and time available.

If you need help with ideas please let me know and the TAs and I can help with suggestions.

The only requirements are that you include in your project all aspects of the course material up to the mid-term (basically through texture mapping). However, how you incorporate these topics and techniques is up to you. You will also be required to include at least one advanced topic in your project for a group of three people. If your group has more than three people you will be required to include an additional advanced topic for each additional team member. So, for four people, two advanced topics, five people, three advanced topics. An advanced topic is defined, as any technique or method not covered in the first half of the course. We will discuss with your team what in your proposal counts as an advanced topic. Additional advanced topics can be proposed for extra credit.

Each team will submit a term project proposal – the proposal is due by midnight on November 4, 2014 via CCLE. Only one member of the team needs to submit. We may contact your team to get clarification or discuss various parts of your proposal.

Project proposals will be returned with comments as soon as possible. Comments will define the requirements for your term project. We may, at our discretion, add and/or remove items from your proposal in consultation with your team.

All term projects will be due on December 8, 2014 at midnight via CCLE. You **must** be finished by this time, there will be **no** late submissions. Please manage your time and divide tasks wisely between team members. If you are having team problems you should bring them to our attention immediately and not wait – remember, you will all share the same score for the term project.

December 9 and 11 we will demo all of the projects in class live during class – if we need extra time we may overflow into one of the discussion sections on Friday. Your team will be given a short period of time to demonstrate your project to the class. Each group will vote on each presentation. As discussed at the beginning of the course the top five projects, by vote, will be awarded extra points for the course. Participation in the demos is mandatory.

Your grade (points) is based on the basic requirements and your proposal and will be graded like any other assignment. Any points awarded via voting are in addition to your basic project score.

