MAE 473/573
Final Project Specifications

Your final project will be graded on two components- the written report you hand in and the oral presentation of your work. The specifications for both are described below.

Report Specifications

Your report should adhere to the following format:

Title Page
Table of Contents
List of Figures
A 200 word or less Abstract page
Introduction and Background
Problem Statement and Solution Approach
Functioning of the Program including specific function descriptions.
Computation behind graphical model
References if any
Source Code Listing

Notes:

- Label each section accordingly.
- Your total report length should be 6-10 pages in length, excluding source code, title page, abstract, table of contents, list of figures and any references.
- Report should be printed on standard paper and use Times Roman or equivalent 12 point font. Source code should be printed in duplex. If possible, fit two pages of code per side.

Due Date:

Your report is due on the day of your presentations, Tuesday December 11th at 8:00 a.m.

Presentation Specifications

Your presentation should consist of a slide show done in Microsoft Powerpoint and a demonstration of your program. Your presentation should have no more than 5 slides and take no longer than 3 minutes. Following your presentation, you should be prepared to give a demo of your program. This demo should be limited to 2 minutes. Your entire presentation therefore should take no longer than 5 minutes. After your presentation 2-3 minutes will be alloted for questions and answers. 2 minutes have been allotted for

changeover between groups. Please rehearse the time of your presentation so things move along in a timely fashion.

Presentation Schedule:

All groups will begin their presentation at 8:00 a.m. on Tuesday, December 11th.

Group 1
Natural Sciences 218

8:10 Dhawale/Makwana
8:20 Dastane/Michaelisyzn
8:30 Manerikar/Srambikal
8:40 Nozaki/Gurnani
8:50 Bhandwale/Joshi
9:00 Suh
9:10 Kabra/Padbidri
9:20 Sane/Nair

Group 2
Furnas 206

8:10 Desai/Bhatt
8:20 Bhargava/Srivastava
8:30 Sundaram/Amol
8:40 Kamerkar/Shah
8:50 Churi/Patil
9:00 Naik/Hosmane
9:10 D'Souza/Ravishankar
9:20 Gautam/Shripad

Group 3
Furnas 1019

8:10 Chua/Milan
8:20 Desai/Agarwal
8:30 Ang/Chiam
8:40 Agarwal/Panicker
8:50 Jain/Parachar
9:00 Phatak/Khedkar
9:10 Kania/Subramanian
9:20 Bhardwaj/Daruwalla
9:30 Nidadavolu/Parthasarathy

Preparation/Rehearsal Time (MANDATORY):

Because we have limited time for the presentations, and so that we can minimize any glitches during this time, you and your partner will be required to bring your presentation to your scheduled room on either Thursday, December 6th or Friday, December 7th and make sure you can open your presenation and verify that you can display your program. You need not have your final presentation or final version of your program ready, the purpose of this rehearsal is to be sure you can display your work on the demo day. Because this rehearsal is so critical, you will be given 5 points on your project for attending and will be penalized 5 points for not attending.

If you are in Group 1:

Bring your presentation to Norton 17 and meet with Pradeep Pinto on Thursday December 6th from 9-11 or Friday, December 7th from 9-11. If you absolutely cannot make one of those times, please make an appointment with Pradeep by sending him mail (pjpinto@eng.buffalo.edu). He will have a laptop there for you to verify that your presentation loads correctly and that you can run your demo.

If you are in Group 2:

Bring your presentation to Furnas 206 and meet with Parijat Bhide on Thursday December 6th from 9-11 or Friday, December 7th from 9-11. If you absolutely cannot make one of those times, please make an appointment with Parijat by sending him mail (pbhide@eng.buffalo.edu). You will be testing your presentation on the actual computer you will be speaking from.

If you are in Group 3:

Bring your presentation to Furnas 1019 and meet with Kok-Lam Lai on Thursday December 6th from 9-11 or Friday, December 7th from 9-11. If you absolutely cannot make one of those times, please make an appointment with Kok-Lam by sending him mail (klai2@eng.buffalo.edu). You will be testing your presentation on the actual computer you will be speaking from.

Note to all groups:

Whether you've done your program on Sun, SGI, or Windows, you should be able to demo your program on each of these machines. The TAs will be at the rehearsal locations to assist you in setting this up. Remember, you will be given points for verifying ahead of time that your presentation and program run smoothly.

Grading

Your final project will be graded as follows:

Item		Points
Report:		
Report Follows Format	5	
Appearance of Title Page, Table of Contents, and List of Figures	5	
Content of abstract	5	
Content of introduction and background	5	
Description of problem statement and solution approach	3	
Description of functioning of the program including specific function descriptions.	15	
Description of computation behind graphical model	10	
References and Source Code Listing	2	
	Total:	50
Demonstration:		
Overall Presentation Content	5	
Function and/or program logic description	3	
Program uses back end calculations	9	
Program incorporates theory taught in the course (rotation, scaling, translation, lighting, etc.)	15	
Overall program functioning	8	
Does Program Achieve Goals of Initial Abstract	5	
Attendance at Rehearsal	5	
	Total:	50
Grand Total:		100