

# EGR 106

## Foundations of Engineering II

Final Lecture Meeting – 5/2/22

THINK BIG  WE DO<sup>SM</sup>



# Today's Topics

Design Project

Project Files Submission

Final Presentation Schedule

Student IDEA Course Evaluation

Course Survey

Optional, submit by 5/4, 11:59 PM for quiz extra credit

# Project Files Submission (one per team)

- Matlab code (.m file). Be sure to include team member names in comment lines in .m file
- Output and color/texture files, including: .gif, .obj, colors.mtl, and .jpg files
- No need to include .p files
- Upload all files to the Brightspace Monday section site (look under Assignments)
- Submit Project files by 5 PM, Wednesday 5/4 to the Brightspace Lecture site (to be submitted by one member per team)

# Design Project Presentation Schedule

Lab Section Number & Meeting Time	Instructor	Project Presentation Date, Time and Location
1. Tuesday 9:30-10:45	Sumanta Das	Thurs. May 5, 8-10 AM, Kirk 212
2. Tuesday 8:00-9:15	Angelo Lucia	Tues. May 10, 8-10 AM, Kirk 212
3. Tuesday 12:30-1:45	Ramdas Kumaresan	Tues. May 10, 11:30 AM-1:30 PM, Kirk 212
4. Tuesday 2:00-3:15	Ramdas Kumaresan	Thurs. May 5, 3-5 PM, Kirk 212
5. Tuesday 3:30-4:45	Musa Jouaneh	Thurs. May 5, 6:30-8:30 PM, Kirk 212
6. Thursday 2:00-3:15	Sumanta Das	Thurs. May 5, 3-5 PM, Kirk 203C
7. Thursday 8:00-9:15	Jyh-Hone Wang	Tues. May 10, 8-10 AM, Kirk 203C
8. Thursday 9:30-10:45	Ryan Poling-Skutvik	Thurs. May 5, 8-10 AM, Kirk 203C
9. Thursday 11:00-12:15	Hamouda Ghonem	Thurs. May 5, 11:30 AM-1:30 PM, Fascitelli 130
10. Thursday 12:30-1:45	Benjamin Rahming	Tues. May 10, 11:30 AM-1:30 PM, Kirk 203C
11. Tuesday 11:00-12:15	Dhaval Solanki	Thurs. May 5, 11:30 AM-12:30 PM, Kirk 212
12. Thursday 11:00-12:15	Dhaval Solanki	Thurs. May 5, 12:30 AM-1:30 PM, Kirk 212
14. Tuesday 9:30-10:45	Zongqin Zhang	Thurs. May 5, 8-10 AM, Fascitelli 130

# Project Presentations

Presentation can include combination of Powerpoint slides, Matlab and/or MeshLab demonstration of final result

Possible things to include in presentation:

- Project title

- Team member names

- Description of objectives

- Show Matlab code and functions used to create geometry

- Discussion of aesthetics / custom colors / textures used (if any)

- Demonstration of the code running

- Matlab generated animation (insert animated .gif in Powerpoint)

- Show result in MeshLab

# Student IDEA Course Evaluation

## IDEA Course Evaluation

- <https://uri.campuslabs.com/eval-home/>
- Available now through May 4th at 11:59 PM
- Evaluation is based on Monday class sessions only (not Tuesday/Thursday instructors)

# Course Survey (Optional)

For future course planning purposes, please complete the Course Survey

- Participation is optional
- Survey is posted on Brightspace (look for link under Calendar)
- Extra credit toward quiz grade will be given (if submitted by Wednesday, 5/4 @ 11:59 PM)

# Survey Questions

## Instructions

- Completion of the course survey is optional.
- As an incentive to complete the survey, for those who complete the survey, we will replace your second lowest quiz grade with a 10.
- For quiz credit, the survey must be completed by 5/4/22 @ 11:59 PM.



# Survey Questions (cont.)

Questions 1-3 (optional but required for quiz credit):

## Question 1

First Name:

## Question 2

Last Name:

## Question 3

URI ID#

# Survey Questions (cont.)

## Questions 4-5

### Question 4 (Mandatory)

In Week 1, we recommended (optionally) that students use the textbook by Gilat as a reference. Did you use the text:

- ☐ Often
- ☐ On occasion
- ☐ Once or twice
- ☐ Never

### Question 5

If you used the text, please comment on the value of using it as a reference

# Survey Questions (cont.)

## Questions 6-7

### Question 6 (Mandatory)

The online video lectures were an effective tool for introducing the course material each week. (select one)

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

### Question 7 (Mandatory)

Given the option of watching online video lectures to attending live Zoom lectures, I prefer watching online video lectures. (select one)

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

# Survey Questions (cont.)

## Questions 8-9

### Question 8 (Mandatory)

The weekly quizzes were an effective way to determine if students are familiar with new material prior to coming to Tuesday/Thursday lab meetings. (select one)

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

### Question 9 (Mandatory)

The Tuesday/Thursday lab sections in provided an effective learning environment. (select one)

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

# Survey Questions (cont.)

## Questions 10-11

### Question 10 (Mandatory)

The weekly assignments were reasonable and provided an effective tool for learning the course material. (select one)

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

### Question 11 (Mandatory)

The format of Exam 1 (multiple choice questions on Brightspace) was reasonable and provided an effective tool for assessing understanding of the course material. (select one)

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

# Survey Questions (cont.)

## Questions 12-14

### Question 12 (Mandatory)

The format of Exam 2 (writing Matlab scripts on the computer) was reasonable and provided an effective tool for assessing understanding of the course material. (select one)

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

### Question 13 (Mandatory)

For this course, I installed and used Matlab on my personal computer (as opposed to using ECC computers or connecting remotely through guac.egr.uri.edu). (select one)

- ☐ Often
- ☐ On occasion
- ☐ Once or twice
- ☐ Never

### Question 14

Please comment on the value of installing and using Matlab on your personal computer:

# Survey Questions (cont.)

## Questions 15-18

### Question 15 (Mandatory)

The Design Project was reasonable and provided an effective tool for reinforcing understanding of the course material. (select one)

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

### Question 16

Please comment your opinion regarding the value of the Design Project.

### Question 17

What advice would you give next year's freshmen for being successful in this course:

### Question 18

Please provide additional comments and feedback:

# Have a Great Summer!

