ENGR 11: Learn MATLAB
Class 2: Wednesday 1/6/2021
Lecture: 10AM – 11:50AM
Lab: 12PM – 1:50PM

BEFORE CLASS:

- Get Zoom Set Up

- Get YouTube Live Stream Set Up

DURING LECTURE:

- Book keeping:

    o My responses to your questions and comments on intake survey (open space for dialog)

    o Let's explore our contract grading document.

- Class 2 Quiz on Lesson 1, Part 1 Playlist: Learn MATLAB (Due on Wednesday 1/6/2021 by 11:50am)

- Small Group Google Doc: How do we define learning?

- How should we create quizzes and document the depth of your learning?

    o Check out what my students are capable of.

- How should I collect your Quiz responses?

DURING LAB:

- Work on Laboratory 1 (Due on Wednesday 1/6/2021 at 12:50pm)

AFTER CLASS:

- Engage with material from Lesson 1, Part 2 Playlist- Learn MATLAB: Script Files

- Prepare for Quiz 2 on Monday 1/11/2021 at 10AM from Lesson 1, Part 2

DISCUSSION POINT:

- How should we ask questions in this class? -Brenna

  - o Idea 1: Use chat functionality with two question marks for intended questions. -Brenna

  - o Idea 2: Have a free form mechanism where students can unmute and ask. -Brenna

  - o Idea 3: Ask question monitors to scan chat, then unmute and ask when needed -Brenna

  - o Idea 4: Use a ?? to identify that you have a question but leave the space open to try to converge on the right words… -Elizabeth

- How do I (a student) figure out if I am missing something? -Yakir

  - o Idea 1: Jeff can send out a weekly progress report (anonymized with numbers) that shows the progress of every student in class -Elizabeth & Patrick Morriss ☺

JEFF'S QUESTIONS FOR TODAY'S CLASS:

- How should I collect student quiz responses?

  o I need help with this one. I have some ideas I'd like to share and then I want to hear what you all think about the systems I have in mind.

- How can I use Zoom to do break out rooms with predefined groups?

  o In this class, I plan to ask you to engage with each other in small groups. We will do this on a daily basis using the breakout room feature of zoom. However, I want to be able to pre-define the groups (rather than just random selections).

  o I found a good article on pre-assigning participants to breakout rooms in zoom. But I've never actually done this and need some help.

- What is the best way to take advantage of the YouTube comment section?

  o One suggestion that many previous students (eg. Henry F, Derek T, Misha B, etc.) gave to me was to use YouTube comments to answer technical questions for my classes. These students said that if I get in the habit of having my students post questions using the comment section on YouTube, a few things might happen:

    1. Students can ask questions as they arise in a video
    2. Other students can reply with comments and answer so that our whole learning community can contribute.
    3. Students can link to videos of questions or answers to create their own content
    4. I can track students questions asynchronously and answer in the same format
    5. Any answers posted are accessible not only for this generation of students but for years into the future (assuming YouTube stays in business).

  o So, this quarter I will try something new in honor of these suggestions: I will be inviting you to ask questions on my YouTube site using the comments functionality. I'm going to need your help figuring out this system. I welcome any feedback and suggestions you have on this! I'm nervous because this is new to me but I have faith that we can figure this out as a team. Do you see me learning from my students? It happens every time I interact with own of my students... You make me a better person!