ELECOMP Capstone Design Program
Fall 2020 Semester Roadmap
From Sunday September 27th, 2020

Sept. 27th (Su): WPR#1 due between 8pm and 9pm. The format has been posted on the website. Please read carefully and follow all instructions explicitly. All TDs and Consulting TDs have been updated and posted on the website under “Teams and TDs for 2020-2021.” (Some TDs have added more support, and all names are now listed; copy from this list.)

(Submit Google Form separately to Jack Murphy, between 8 and 9 pm; with HW, CHW and Selection of Location Option below.)

Sept. 29th (T): TPS#1 due 8.30-9.30pm. The format has been posted on the website. Please read carefully and follow all instructions explicitly. Teams work on their capstone projects, 5-8pm scheduled capstone time, before submitting the TPS#1. Teams have 2 options for their physical location of this session:

**OPTION ONE**

Work remotely, from home or other location, using your own Slack Channel, Zoom or other appropriate software to connect and discuss easily with other team designers. Consulting TDs, if assigned to your project, will be available remotely to answer any questions from the team. More details will be forthcoming by the 28th.

**OPTION TWO**

Work in the FCAE. We will have MANY locations available for adequate social distancing between team members and between teams: FCAE150 (our capstone lab.), FCAE110 (BME Capstone Lab.), FCAE294 (Conference Room), FCAE394 (Conference Room), FCAE464 (Conference Room), ENGR045, and the open space in the cafeteria area outside our capstone lab., FCAE150.

This option may appeal to many designers who (i) prefer in-person interactions for stimulating discussions; (ii) have hardware in the lab, they can work with; (iii) prefer a change of environment from their home locations; (iv) they are already in FCAE for other classes.

All team designers can be present, or individuals who will benefit from working together (2 ELEs or 2CPEs etc.). Consulting TDs, if assigned to your project, will be available remotely to answer any questions from the team. More details will be forthcoming by the 28th.

**Added Precautions:** Upon arrival in FCAE150, Capstone Lab., show your daily assessment GREEN check mark, on your cell phone, or email.
**Dinner Break:** 6.30pm to 7.00pm. (Burritos, pizza or calzones will be provided. Further details for choice selections will be provided.)

**OPTION SELECTION:** Select one of the above options every Sunday night, 8-9pm, and communicate this separately to Jack Murphy; he will be sending the link to the Google doc form. Each team must reply. If Option Two, you will indicate your dietary restrictions etc. (You will also be submitting the Hours Worked (HW) and Cumulative Hours Worked (CHW) in the same submission.)

**IMPORTANT:** OPTION SELECTION can change week to week: You will need to tell us on the Sunday prior to the Tuesday, so that dinner can be ordered!

Sept. 30\textsuperscript{th} (W): Team Supfina meets with their TDs at the NK facility; 2pm.

Oct. 2\textsuperscript{nd} : (F): Other 23 teams interact with their TDs, using the 3 options that were used on Friday, Sept. 25\textsuperscript{th}. If any changes occur in the options selected, please let me know by email, to sunak@ele.uri.edu.

**REPEAT ABOVE SEQUENCE STARTING ON ALL FOLLOWING SUNDAYS:**

(Note: ON OCTOBER 18\textsuperscript{TH}, YOU WILL BE SUBMITTING THE FIRST MAJOR PROGRESS REPORT, MPR#1.

(Further updates, with any changes, will be provided, as the semester progresses)

**IMPORTANT- UPDATED ON NOVEMBER 21\textsuperscript{ST}, 2020**

Governor Raimondo has mandated a two-week "pause" from Monday, November 30\textsuperscript{th} to Sunday, December 13\textsuperscript{th}. The Capstone Lab. will be closed to ALL during this period and all capstone teams will work remotely with each other and with their TDs! This two-week "pause" has the potential to become a full blown lockdown. We will know on the 13\textsuperscript{th} of December.

All teams with hardware must take it home on Tuesday November 24\textsuperscript{th}, and continue work at home or at the sponsor facility, if it will be possible. Check with your TDs. Teams have the option to work individually or together, as necessary, at a mutually convenient location. Provide home address for new components ordered.
If any equipment needs to be borrowed from the lab., send a list to Professor Sunak by noon on Monday, November 23rd. These include Multimeters, Oscilloscopes, Function generators, Power Supplies and soldering irons.

**SUMMARY:**

Nov. 23rd to Nov. 25th (M-W): FCAE150, Capstone Lab. is open for all designers.

Nov. 23rd: (M): Equipment list to be borrowed from capstone lab. Due by 12 noon to Professor Sunak for adequate planning for all teams.

Nov. 24th: (T): 5-8pm: Capstone lab. is open, as it is scheduled capstone time; Teams have 2 options for their physical location of this session, as has been done earlier in the semester. Already communicated to Jack on Sunday evening by Google docs.

Nov. 25th: (W): Jack Murphy will send email, with Google Form to be filled on Sunday, Nov. 29th, between 8 and 9pm, with submission of Homework #3. Only option for Tuesday evening, Dec 1st is REMOTE working with each other and TDs, and also Consulting TDs.

Nov. 26th Onwards: Capstone Lab. is closed until further notice.

Happy Thanksgiving to you and your families.

Dec. 1st: (T): Capstone lab. is closed. Submission of TPS#10, and Homework #3 (Symposium Doc), as 2 separate attachments. Use the Format of TPS#10 on the website.

Dec. 2nd: (W): Jack Murphy will send email, with Google Form to be filled on Sunday, Dec. 6th, between 8 and 9pm, with submission of Homework #4 (Symposium Slides). Only option for Tuesday evening, Dec 8th is REMOTE working with each other and TDs, and also Consulting TDs.

Dec. 4th: (F): Discuss format of the MRP#2 with your Technical Directors. (or during this week, at times mutually convenient). Use ZOOM or Webex, as many teams have been doing already.

Dec. 6th: (Su): MPR#2 DRAFT submitted; see Format on the website. (Homework #4 submitted via the Google Form to Jack Murphy)
Dec. 8th: (T): Capstone lab. is closed. Submission of TPS#11, and Homework #4 (Symposium Slides), as 2 separate attachments. Use the Format of TPS#11 on the website.

Dec. 11th: (F): Discuss MPR#2 DRAFT with your TDs for any additions/clarifications needed. (or during this week). Use ZOOM or Webex, as many teams have been doing already.

Dec. 13th: (Su): MPR#2 FINAL submitted, if necessary.

Dec. 14th: (M): This is a TUESDAY! Capstone lab. is closed. TPS#12: Compile the Final Symposium Poster, using the Resources and Templates on the website; send it to your TDs; an example of the poster is here:

https://web.uri.edu/elecomp-capstone/files/AcutentricsFaultLine-Symposium-1920-review-1.jpg

Upload your Final Symposium Poster to this link:

https://drive.google.com/drive/folders/1f7UndXBo4u7Hx-CYJfoBNTvceUVR9Kb

IMPORTANT: Use only material, previously approved by TDs in HWS #3 & #4.

Dec. 18th: (F): 7-10pm; Common Exam Slot; 1st opportunity to prepare and Upload Video of Team Presentation, for the Virtual Symposium on December 22nd, 2020.

Dec. 19th: (Saturday): 7-10pm; Common Exam Slot; Final Opportunity to prepare and Upload Video of Team Presentation, for the Virtual Symposium on December 22nd, 2020.

All final videos must be uploaded to a website; link will be provided by Brenden Smerbeck.

Examples of videos loaded for the Summit in May 2020 can be reviewed at this link:

https://www.youtube.com/playlist?list=PL0w1iKK9kRQyBk-RTYX7zttJqHZSmpTSw
Examples of live presentations at the December 2019 Symposium can be reviewed at this link:

https://www.youtube.com/playlist?list=PL0w1iKK9kRQxTRi0YWz-aV4PuEJAA0YI0

Dec. 22nd: (Tuesday): 9am: Virtual Symposium goes LIVE on the website!