

## ECE 310/311 Spring 2020 Online Delivery Plan

The course instructors (Katselis, Radhakrishnan, and Shanbhag) and the TAs (Berk Iskender, Ufuk Soylu, Hanfei Wang, Yifeng Fan, Corey Snyder) have developed plans for an online course delivery of ECE 310/ECE 311 from March 23, 2020 until the end of the semester. Our plan is geared to minimize the impact of online delivery on the quality of instruction delivered and student experience. However, it requires the students to do their part by following the instructions provided below. Our plan is based on using only UofI approved educational technologies. The plan is as follows:

### 310 Plan

#### Lectures:

- 1) The instructors for each section will deliver their lecture synchronously during regular lecture hours which allows for some degree of interaction between the instructor and student. All lectures will be recorded and made available on Compass for asynchronous viewing later.
- 2) In order to manage the online class size during lectures, we strongly recommend that each student attend the lecture of the section they are enrolled in.
- 3) All three sections will be delivered via Zoom during regular class hours, i.e., Section D (9am CT, Katselis), Section E (noon CT, Shanbhag), and Section G (3pm CT, Radhakrishnan).
- 4) Preparing for attending Zoom lectures: students need to download Zoom onto their laptop/desktop using their UIUC account from <https://illinois.zoom.us>. For the first time, you need to configure your UIUC account on Zoom web portal. Students will receive a section-specific link or meeting ID from their instructor that they can use at the appointed class time to attend synchronously.
- 5) During Zoom lectures: each lecture will be delivered by an instructor-TA team. Nominally the instructor will share/broadcast their screen as they explain class material. The TA will assist in moderating the Q&A. ***Student video and audio channels will be disabled to minimize bandwidth requirements.*** To ask questions, students either: A) can type into the chat window in the broadcast mode ("To Everyone" option) or B) "raise hand" to ask a question. In A), the TA will monitor the chat window and inform the instructor via audio when questions are asked. The instructor will respond as appropriate. In B), the TA will unmute the student so that the instructor can hear the question and respond, and then mute once the exchange is complete. The intent is to replicate the in-person class experience.
- 6) Caveat: In spite of our best efforts, it is possible that unforeseen technical glitches may prevent us from recording all lectures, posting them, and doing so promptly. Therefore, we strongly urge students to attend the live streamed lecture of their enrolled section and not rely exclusively on the recordings.

#### Quizzes:

- 7) Friday quizzes will be replaced by grading **three**, instead of **one**, randomly selected homework problems.

#### Homeworks:

- 8) No change except that the new quiz+hwk combo will count for **25%** of the course grade moving forward. See grading section below.

#### Exams:

- 9) Exam 2 will be an **open-book** exam with the standard 1.5-hour time duration held at the regular time – 8:30pm-10pm CT on **April 16**. Students will download the exam at 8:25pm CT time from Compass, solve Problems from 8:30pm-10pm CT, and then photograph and upload into **gradescope** by 10:10pm CT minutes. In case of a problem with uploading into **gradescope**, the students should email their exam before 10:10pm

(email should show the time-stamp) to the instructor of their section. This procedure is the same as the current homework submission procedure.

- 10) Taking the Exam: Students can A) download the PDF, print out the exam, write on it, scan and upload into **gradescope**, or B) download the PDF onto a tablet, annotate the PDF with their answers, and upload into **gradescope**, or C) download the PDF, but write their answers directly on their notebook, take photo, and upload into **gradescope** (same as HWK submission).
- 11) Each of you will need to sign your name underneath the honor code printed on page 1 of Exam 2 in the space provided. If writing directly into a notebook (Option 10.C above), on the first page write the statement: "I have read the honor code for this course and agree to abide by it." and sign it along with your name, UIN and section. Please review the honor code on the course web-site (<https://courses.engr.illinois.edu/ece310/sp2020/>). Submissions without signatures will not be graded.
- 12) Final Exam instructions will be forthcoming.

#### **Recitation Sessions:**

- 13) Recitation sessions are being combined with office hours (see below).

#### **Office Hours:**

- 14) Recitation sections will be combined with Office hours. The office hour duration will be increased to accommodate this. New timings will be posted on the course web-page. All instructor and TA office hours will be conducted via Zoom but will not be recorded. Instructors may choose to solve problems and answer questions from students attending. In addition, Piazza will be actively used to answer any additional questions.

#### **Course Grade:**

- 15) At this point, we are moving forward under the assumption of no change to grading except for the 25% weighting of quizzes + homeworks. Quizzes 1-to-5 and HWK 1-to-7 will be graded per the original grading scheme (10% homework and 15% quiz). There is a possibility of future changes to the grading scheme if the Department suggests/mandates those.

### **311 Plan**

- 1) All ECE 311 lab sessions in ECEB 2022 will be canceled.
- 2) All ECE 311 lab assignments will be assigned and due on their existing schedule as per the course website.
- 3) All office hours will be cancelled. We will consider adding Zoom office hours if they are in demand, but we will answer questions exclusively on Piazza for now.
- 4) Lab quizzes will be given online on Compass as multiple-choice quizzes with a fixed time window for completion. We will share more specifics as we get to Quiz 4.

The EWS labs like ECEB 2022 will remain open; however, we recommend everyone work on their own machine. If you need to set up a new machine with Python, please refer to the "Getting Started" instructions on the course website. Please contact Corey Snyder ([cesnyde2@illinois.edu](mailto:cesnyde2@illinois.edu)) if you have trouble accessing a computer to complete the labs.