

ECE402

Electronic Music Survey Course – Spring 2022

Instructors:

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Rooms 3054 and 3052 ECEB

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Undergraduate TAs / Lab Assistants:

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Lectures: 100% in-person attendance is required (or Echo360-live if you are not well).

Room 1002 ECEB (Grainger Auditorium) beginning Tuesday of 2nd week of semester; Echo360-live before.

Tu Th 8:00am - 9:20am

Weekly homework and lab assigned every Tuesday lecture.

Sound Design Lab: 100% in-person attendance is required **beginning Tuesday of 2nd week of semester.**

Room 3024 ECEB

Two hours of lab work each week. Lab usage is monitored. (Make up lab asap if you miss lab due to sickness.)

You have the option of working alone in lab, or in 2-person teams. Students in a team must trade off roles "driving" and "kibitzing" – the driver runs the equipment while the kibitzer makes comments/observation.

Office Hours:

Room 3034 ECEB

Monday 1:00-3:00 pm (any changes to these times will be announced in lecture)

Piazza also available for questions, but please don't wait until Monday night!

Materials:

Lecture Handouts (pick up at start of each lecture or print pdf from web site; take notes on the handout during lecture)

ECE402 Course Packet (includes journal articles that are required reading for homework) for hardcopy purchase at IUB (around \$60.00) or pdf download on ECE402 web site

Continuum User Guide and *EaganMatrix User Guide* (optional reading for lab)

available in the lab and on-line at www.HakenAudio.com in the Support area

EaganMatrix Programming Video Series (YouTube videos that you will work through during weekly labs)

Homework:

Weekly reading assignments. ***HW0 has a quiz during 3rd lecture. All other homework assignments will be due Tuesdays before lecture; submit your answers by Gradescope (see next page for details).*** No late homework is accepted. Students may discuss homework, but each person hands in their own work.

Grades:

25% Homework, 1 Quiz [3rd lecture, Jan 25], and Lecture Participation

15% Lab and End-of-Semester Lab Project Presentations

25% Midterm [8:00-9:15 a.m. (13th lecture), Tuesday, March 1]

35% Final [8:00-11:00 a.m., Wednesday, May 11, Room 1002 ECEB]

Please Note:

- Before taking ECE402, you should know how to read music notation and be familiar with key signatures, accidentals, the circle of fifths, major and minor triads, tempo markings, and tunings (e.g. MUS101 or MUS103).
- ECE majors should complete ECE310 before ECE402. Students with this prerequisite consistently understand more than students without ECE310, especially in the 2nd half of ECE402.
- Non-ECE majors are not assumed to have ECE310 and will be graded separately but must do all assignments.
- You are expected to be at **every 2-hour lab assignment and attend every ECE402 lecture** unless you are not well.
- Each lab team will present a project at the end of the semester showing work you did in the Sound Design lab. (PowerPoint presentations will not be permitted.)

ECE402 Network Resources

Electronic Music Survey Course – Haken and Cheng

Web Site:

<https://courses.engr.illinois.edu/ece402/>

Course info pdf	you are reading page two of the “Course info pdf” now; you will need it for first lecture, and reference throughout semester
Lab information pdf	for first lecture, and HW0 (first homework assignment)
Lecture handout pdfs	print these out for notetaking during lectures
Course packet pdfs	contain reading materials for HW1 through HW10

Homework submission via Gradescope:

HW1 through HW10 are assigned each Tuesday (in lecture handout) and are due before next Tuesday lecture.

<https://www.gradescope.com/courses/352467>

Enroll yourself with the entry code 8676XE

Piazza: <http://piazza.com/illinois/spring2022/ece402>

Q&A and announcements monitored real-time during office hours and during lectures

Echo360: (Note: In-person lecture attendance is required; Echo360-live ok if are not well or have special permission)

<https://echo360.org>

Lectures shown live	ask questions <i>during</i> lecture via Piazza quarantined/sick students view live lectures 8:00am - 9:20am
Lectures recorded for later viewing	optional for studying, <i>not</i> a substitute for lecture attendance

Network Drive:

V:\ECE402\Lab\	store preset(s) here every lab session (see lab intro pdf)
V:\ECE402\Sound Examples\	sound examples used in lecture

Sign-up List for Lab:

1. Lab teams can have 1 or 2 students. All students must attend lab in-person and will need to physically show up in the lab.
2. Please use the "search for teammates" post on Piazza to find a lab teammate. Include your availability and whether you are an online-only student, etc.
3. Sign up for only one lab slot as a team at: <https://www.signupgenius.com/go/8050C48A4AD2DA1F49-ece402> (access code: ece402sp22). Your team will retain that slot throughout the semester, unless you want to switch to a different available slot; to switch lab slots, just update the sign-up list. Please provide NetIDs of all team members.

Information about COVID, FAIR, DRES, FERPA:

<https://wiki.illinois.edu/wiki/display/ugadvise/Syllabus+Statements>