

ECE2045-All Fundamentals of Computer Engineering II Lab

Spring 2021

Instructor:

Section	Name	Office	Telephone	Email
001, 002 & 100	<u>X. Maggie Wang</u>	Tolentine 431	610-519-3830	xwang@villanova.edu

Office Hours: Tuesday, 1:00 pm - 3 pm; ZOOM ID: 6105193830

TA: Stephen Donchez sdonchez@villanova.edu

Course web: Blackboard (Bb) at <https://elearning.villanova.edu/>

All the three sections are combined into one class named *Spr21_ECE_001_002_100*

Class Meetings: Classes will be meeting online through ZOOM.

Section	Day	Time	ZOOM ID
001	Tuesday	8:00 - 10:30 am	91055155007
002	Thursday	8:00 - 10:30 am	97627901194
100	Wednesday	5:30 – 8:00 pm	97590568583

Lab Rules

Lab assignments generally follow the ECE 2044 lecture topic schedule and will be assigned one week after the required material has started being covered in ECE 2044. There are six lab assignments this semester, which must be done in order. Each lab assignment contains 3-4 parts and is expected to take 2-3 weeks. Lab due dates will be posted when they are assigned in Bb. Please ask the instructor or TA to check you off after each major step of a lab.

You will need a DE10-Standard development board and some software tools, which will be discussed in the first lab meeting. If you don't have a DE10 board, please fill out the *Equipment signout form* found in the Bb *General Information* folder and bring it to Clayton Bannan at CEER 008 to check out a DE10 board.

Your lab work will be submitted to the Assignments in Bb. Each lab tells you what to submit at the end of the description. Please append the name of all your submission files with your last name, e.g. Lab1_Wang.zip. Your code must be compiled and tested without any error on the DE10 board before submitting. There is no lab report required. Some labs have prelab readings that must be completed prior to the start of the lab assignment.

Grading

Each lab is graded on a 100-point scale. The weight of each lab carries for the final grade is as follows. Lab1 helps you set up the required software and hardware, and counts for 5% of the final grade. Each of Labs 2-5 counts for 20%, and Lab 6 counts for 15% of the final grade. Midterm grades will be given based on your grades of Labs 1-3. Any late or incomplete assignments will lose 5 points per unexcused absence. Late submissions will not be accepted two weeks after its due date.

The letter grade will be assigned according to the following table:

Numeric	Letter
90 - 100	A-, A
80 - 89	B-, B, B+
70 - 79	C-, C, C+
60 - 69	D-, D, D+
Less than 60	F

Attendance

Lab meetings will be operated live through ZOOM. Please log in the blackboard to join the class ZOOM meeting. Breakout rooms have been created for individual help. You may be prompted to join your breakout room when you join the meeting. Please select "Not Now". Only go to your breakout room when you need help and have been asked by the instructor or TA.

Attendance is expected and assumed, but not mandatory. Lab attendance and duration are logged automatically by Zoom. Attendance for less than half of the formal lab session time will be counted as an absence. Any late or incomplete assignments will receive a further penalty of 5 points per unexcused absence. In all cases, students should be prepared to provide documentation to petition for excused absences to the Associate Dean for Student and Strategic Programs, Dr. Stephen Jones. Students should use [the form for requesting an excused absence](#). You are responsible for all material covered in lab even if you are absent or late. The excuse that "I was not there when you said that," is not valid under any circumstances. If you miss the beginning of a lab, or part of it, and material was presented, get the material from one of your fellow students, or contact the instructor or the TA.

Adherence to the Student Code of Conduct and the CARITAS Commitment

Students are expected to act in a professional and respectful manner to their fellow students, faculty, and staff. Students should become acquainted with and understand the responsibilities set forth in the Student Handbook, especially those in the sections on Policy and Regulations. Adherence to University regulations is expected and required for successful completion of the program of studies. Enforcement within the classroom of policies regarding classroom behavior is the responsibility of the faculty member. All other discipline problems are to be referred to the Dean of Students.

Students, faculty, and staff are expected to comply with the [CARITAS Commitment](#). Students should wear masks, practice social distancing and good hygiene, wipe down their work area upon arrival and departure, and request an excused absence if they are not feeling well.

Academic Integrity

The College of Engineering is committed to creating an environment of academic integrity and ethical decision-making that we hope is reflected in the actions of our students and graduates. As Villanova students, integrity is central to the University mission. As engineers, our code of conduct requires us to place honor and integrity at the forefront of everything we do. As engineering students, it is expected that you will begin to adopt these values and instill them into your work habits. Students violating the academic integrity policy will receive a zero on that assignment or exam and the violation will be reported to the Associate Dean for Academic Affairs.

The University's academic integrity policy can be found here:

<https://www1.villanova.edu/villanova/provost/resources/student/policies/integrity.html>.

The College of Engineering has adopted the following exam guidelines:

- Students must arrive before the start of the exam. Under exceptional circumstances a student may need to arrive late, but he/she can enter the exam no later than 5 minutes after the start of the exam.
- All cell phones must be turned off and stored away until the student exits the exam room.
- The official Villanova class attendance policy must be followed when requesting excuses for absences or lateness to an exam.
- Each student must write and sign the following statement, "*I have neither given nor received any unauthorized assistance in the completion of this exam.*"

Academic Accommodations for Students with Disabilities

It is the policy of Villanova to make reasonable academic accommodations for qualified individuals with disabilities. If you are a person with a disability (non-physical) please register with the Learning Support Office by contacting [Learning Support Services](#) or 610-519-5176 as soon as possible. Registration is needed in order to receive accommodations.

The Office of Disability Services (ODS) collaborates with students, faculty, staff, and community members to create diverse learning environments that are usable, equitable, inclusive and sustainable. The ODS provides Villanova University students with physical disabilities the necessary support to successfully complete their education and participate in activities available to all students. If you have a diagnosed disability and plan to utilize academic accommodations, please contact Gregory Hannah, advisor to students with disabilities @ 610-519-3209 or visit the office on the second floor of the Connelly Center.

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presentations such as lectures, videos, PowerPoints, etc., provided by a course instructor. Course Materials may only be used by students enrolled in the course for academic (course-related) purposes.

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More information about intellectual property, copyright, and computer acceptable use can be found here:

<https://www1.villanova.edu/villanova/generalcounsel/copyright.html>

<https://www1.villanova.edu/dam/villanova/hr/documents/Intellectual%20Property%20Policy.pdf>

<https://www1.villanova.edu/villanova/unit/policies/AcceptableUse.html>

<https://www1.villanova.edu/villanova/unit/policies/AcceptableUse/copyright.html>

Professorial Duties.

It is important to note that teaching is one of the many duties that professors perform as part of their job responsibilities. In addition to teaching, professors perform research, advise graduate students, edit journals and review journal articles, serve on committees for the university and professional societies, travel to conferences to remain abreast of current developments and to present their results... to name just a few. As a result, assigned dates for lecture might need to change, as well as office hours.