

ECE 2400 Computer Systems Programming, Fall 2021

Next Steps

School of Electrical and Computer Engineering
Cornell University

revision: 2021-08-27-09-10

1. Verify you can view the Canvas course site

We will be using Canvas for all announcements, distributing course materials, collecting assignments, and distributing grades. Please make sure that if you are officially enrolled in the course you can view this course in Canvas.

2. Verify you can view the Ed discussion forum

We will be using Ed for online discussion and most student/instructor communication. Students officially enrolled should already be automatically added to the Ed discussion forum for this course. Please use the link in Canvas to make sure you can view the Ed discussion forum.

3. Read the course syllabus

The course syllabus contains essential information about the course motivation, structure, procedures, and policies. It will be assumed that all students have read and understand all of the material in the course syllabus. We will not waste lecture time repeating what is in the syllabus, so it is difficult to stress how important it is to read the entire syllabus!

4. Speak with instructor if you have a conflict with discussion section

Students are expected to make every effort to attend the discussion section. However, if you have a legitimate course conflict with the discussion section please speak with the instructor. We don't want anyone not to be able to take ECE 2400 because of a conflict with the discussion section.

5. Attend discussion section today in 225 Upson Hall

Today's discussion section is in 225 Upson Hall Computer Lab either from 2:40-3:30pm or 3:45-4:35pm. We will be reviewing the basics of using the Linux development environment and Git version control. Next week we will start to discuss the basics of compiling and running C programs.

6. Read Chapter 1 of required zyBook when posted

The course zyBook should be ready early next week. When it is posted, students are expected to read the first chapter and complete the corresponding participation activities. The zyBook lab will be likely due Wednesday, September 8th. The first chapter of the zyBook is available for free. If students are unsure if they want to stick with the course, they can request free access to the next chapter or two directly from zyBook. Eventually, students must purchase the zyBook.

7. Read Chapters 1–4 of optional textbook

The optional textbook is “*All of Programming*,” by A. Hilton and A. Bracy (2015). While not required, students are highly recommend to read the first four chapters during the beginning of the semester. The first four chapters of the optional textbook are available for free here:

<http://aop.cs.cornell.edu/resources/aop14u.pdf>.

8. Fill out online form with your GitHub username

If you do not already have a GitHub account, go to <https://github.com/join>. Make sure you use your `netid@cornell.edu` email address if you are creating a new account. Your NetID makes a good GitHub username. Then go to <http://www.csl.cornell.edu/courses/ece2400/githubid> and fill out the sign-up form with your NetID and GitHub username. This will allow the instructors to add your GitHub account to the GitHub organization created for this course. **Note that we are not using the Cornell hosted version of GitHub as in some other courses; we are using `github.com`.**

9. Work through tutorials

Canvas has three tutorials covering remote access to the `ecelinux` servers, the Linux development environment, and the Git distributed version control system. The tutorials have critical information on the computing resources we will be using in the programming assignments. Spending a few hours this weekend to work through some of these tutorials is a great use of your time!