

Intro to Computing - Lab 01

Objectives:

- Make sure that you can log on to the lab computers
 - Explore the course materials
 - Get some practice writing and communicating
 - Test the homework submission system
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Part A: Logging on and Setting up

Logging on to the network

In our first lab meeting you will become familiar with the CHAS (College of Humanities, Arts, and Sciences) computing laboratories in Wright Hall. Our course laboratory sessions are held in room 112. For your assignments you may also use the computers in room 339 in Wright Hall and room 335 in the ITTC. These are the only computer labs on campus with the software development tools used in this class.

The computers in the CHAS laboratories run both Windows and Linux operating systems. We will be using Windows in this class.

We will use the login credentials (username and passphrase) assigned to you by Information Technology Services (ITS). These credentials are called your CatID.

- Locate a free computer (these same procedures will work in the lab in Wright 339, Wright 112, and ITTC 335)
- The computers in this lab are “dual boot” - that is, they run both Windows and Linux. We will be using the Windows side of things. If you happen to sit at a computer that is booted into Linux then you will need to reboot the machine into Windows.
- Once you are sitting at a computer that is booted into Windows, you will need to log on:
 - Press Alt-Ctrl-Del at the same time
 - Use CatID and password to log on.
 - Wait until the system logs you in. **This process may take a few minutes the first time you log on in the lab.**

Creating a directory for this class

In order to keep your files for this course together I strongly recommend you get in the habit of saving your work. In order to keep yourself organized I suggest that you create a couple of folders for your course materials.

1. Plug in your USB device or open your cloud storage (like UNI's google drive or Dropbox)
2. Navigate into your storage.
3. Create a directory called something like "1510" or "CS1" on your storage. You can do this by right clicking in the empty area and selecting “New | Folder” and then renaming the folder that is created.

4. Navigate inside of this directory.
5. Create a new folder in this directory and give it the name "Lab1"

Part B: Exploring some class details

Now that you are logged on to the computer:

1. Launch the web browser of your choice (I recommend Firefox or Chrome over Internet Explorer for a variety of reason).
2. Navigate to the UNI eLearning system and go to this course. This is a multi-step process, but it will become more familiar with practice.
 - Go to <http://www.uni.edu> . Locate the eLearning link at the top and click it.
 - Look for the “UNI eLearning Login” window on the right. Click the logo that says “CatID SignOn”.
 - Use your CatID username and password to log in. Now you are in the eLearning system.
 - Look for the “My Courses” window on the right. Locate this class and click the link.
 - Find the “Lab Submissions” link on the left and click on it. This is where you will start every lab.
 - Click on the Lab 01 folder to open it.
3. Follow the link to the electronic version of today's lab. You will see two files for download. One is a copy of this document (named handout). Download the other file (named responses.docx) and save it to your computer. You will use this document to provide electronic answers to the questions that occur in this lab
 - Right click on the responses.docx link and select "Save As" or "Save Target As" depending on your browser.
4. Now, you will need to navigate to the main class notes page. Find the link on the left called “Class Webpage”. Click it to get access to the class notes and syllabus. You will need to look at these items to answer the questions in the rest of the lab. Start by opening the class syllabus.
5. While reading the syllabus, answer the following questions electronically in the responses.docx file you just downloaded.

[Q1] What is the minimum grade you need to earn in this class if you want to take data structures (CS 1520)?

SideBar: Frequently during labs you will see a special designation contained inside of square brackets like the [Q1] above. In this instance, this indicates that I have asked you question #1. This will correspond to either an electronic or a paper lab sheet that you will complete while you are in lab and submit as part of the credit for being in lab and completing the activities. You should ALWAYS stop what you are doing and answer the question(s) before moving on.

[Q2] Approximately how many points will you earn over the course of the semester?

[Q3] How many total points are assigned during the three exams?

[Q4] Summarize my grading due date policy in your own words.

[Q5] What is the URL for the University’s Academic Conduct policy?

[Q6] Read the section on Academic Conduct. Summarize what I say about when it is and is not appropriate to work with other people.

I also post lecture notes to the website when appropriate. On Monday and Wednesday I used Power Point slides in class. These slides are posted to the website as well. Open the slides from Monday and Wednesday and search for the following information.

[Q7] What is the name of the lab professor?

[Q8] There were two slides containing 12 examples of disciplines contained within computer science. List the two from **each** slide that interest you the most.

Using the schedule on the syllabus:

[Q9] What are the projected (scheduled) dates for the three exams this semester?

Log onto the eLearning website and select this class.

[Q10] What is today's eLearning website class announcement? (You should have also gotten this in an email as well. If you didn't, make sure you are forwarding your official UNI emails to an email address that you regularly read.)

Part D: Getting to Know You Survey

This section of the lab is to help me get an idea about the background and interests of the current students in this course. Please spend 10-15 answering the following questions.

[Q11] What is your hometown (or home country):

[Q12] What is your class status (freshman, sophomore, grad student, etc).

[Q13] Can you write a computer program? If so, in what language(s).

[Q14] Is there anything I should know about you?

[Q15] In your own words, what is computer science?

[Q16] Why are you studying computer science?

[Q17] How many computers/smart devices do you own? (Some examples include smart phones like Androids and iPhones, tablets, and laptops.)

[Q18] Today, many people own smart phones and tablets. These easy and convenient devices encourage people to become more connected to the Internet and make it easy for people to check electronic information at any time, even at times others may consider rude (such as at dinner). Do you think this trend of ubiquitous computing is helping humanity become more or less connected? Why?

Finishing Up

At this point you should check over your answers in "responses.docx" to make sure that you have answered all questions. Once you are sure it is complete, you should submit it to the homework submission system. This system is a special system that we will use in this course to turn in electronic resources.

To submit your assignment:

1. Go to the eLearning class website.
2. Click the button "Browse My Computer" and select your "responses.docx" file by navigating to it and double-clicking on it.
3. Add any comments about your assignment in the comment section (you can leave this blank).
4. Click the purple "Submit" button on the bottom of the page.
5. The next page will generate a preview of your submission. If everything looks ok, click the "OK" button on the bottom of the screen. If you do not see this screen, or if something looks odd, please ask me for assistance.

At this point you are now done and are free to leave. **Do not forget to "log off" of the machine you are working on.**