

CSC 101 Lab – Overview of Computer Science

Course Description: (4h) Lecture and laboratory. Introduction to the organization and use of computers. Topics include computer architecture, systems, theory, logic, programming, the Internet, multimedia, and ethical, legal, and social issues. Does not count toward the computer science major or minor. Division V divisional credit.

Prerequisites: None

Professors:

Dr. Daniel Canas – Manchester 249, 758-5355, canas@wfu.edu

Dr. William Turkett - Manchester 240, 758-4427, turketwh@wfu.edu

Office Hours:

Canas: MWF: 1:00-2:00pm or by appointment

Turkett: MWF: 11:00-11:50am, WF: 4:00-5:00pm, drop-in (if door open), and by appointment

Meeting Time For Labs: Because of space limitations, please do not switch between lab sessions.

Section A: 9:30-10:45am Tuesday

Section B: 12:00-1:15pm Tuesday

Section C: 1:30-2:45pm Tuesday

Section D: 3:00-4:15pm Tuesday

Section E: 3:00-4:15pm Thursday

Webpage: <http://csc101lab.tumblr.com>

Please check the website frequently for updates concerning the lab. The webpage will be the primary source of pre-lab and lab materials.

The webpage for the lecture taught by Professor Brian Kell and Professor David John is: <http://www.wfu.edu/~kellba/csc101/>

Textbook: No separate textbook required for lab. All needed documents will be made available online at the lab website.

Teaching Assistants:

- Percy Campos - Sections B and D - camppa0@wfu.edu – 12:30-1:30pm, W
- Sudha Kanagarajan - Sections B and D - kanas0@wfu.edu - noon-1:00pm, W
- Tommy Minta - Sections A and C - minttm9@wfu.edu - 11:00am-noon, W
- David Sontheimer - Sections A and C - sontdf9@wfu.edu – 2:00-3:00pm, W
- Dan Xue - Section E - xued0@wfu.edu - 4:00-5:00pm, F

Attendance:

Lab attendance should be considered mandatory. Please contact your lab professor as early as possible, ideally by the day before the lab, if you anticipate missing the lab. Students with scheduled excused absences should submit their letters from the appropriate department indicating as such to the faculty during the first week of class.

Academic Integrity:

All work should be done independently by each student. Copying of partial or complete work will be referred to the University Judicial System. You should keep evidence when possible to demonstrate your own work. Should a question of authorship arise you will be expected to produce documents that trace the development of your work. Algorithmic and electronic means of detecting copying may be used by the instructor on submitted assignments.

Assignments in Computer Science courses may be specified as “pledged work” assignments by the professor of the course. When an assignment is specified as “pledged work”, the only aid that the student may seek is from either the course professor or an assistant that the professor has explicitly specified. On “pledged work” assignments the student may not use the services of a tutor or interact with colleagues outside of the lab.

Learning Assistance:

If you have a disability that may require an accommodation for taking this course, please contact the Learning Assistance Center (758-5929) within the first two weeks of the semester.

Course Calendar:

Wednesday, January 12 – First day of lecture
Monday, January 17 – MLK Holiday
Tuesday, January 18 – First day of Tuesday labs
Thursday, January 20 – First day of Thursday lab
Wednesday, February 16 – Last day to drop lecture and lab (together) with a W
March 5-13 – Spring Break – no labs
Wednesday, March 9 – Mid-term grades due
Tuesday, April 19 – Last Tuesday labs
Thursday, April 21 – Last Thursday lab
Friday, April 22 – Good Friday Holiday
Wednesday, April 27 – Last day of lecture

There are labs currently planned for each week of the semester, including Thursday, April 21st (the day before Good Friday).

About the Labs:

All labs except the first require completion of pre-lab reading and exercises to facilitate the lab process. These materials will be labeled as *pre-lab* on the website and should be downloaded and printed out. The pre-lab materials are due at the beginning of each lab session and are expected to count as approximately 20% of the grade for each lab.

You should also download and print out the in-lab materials before the lab period. A combined *lab manual and report*, whose intent is to guide you through the lab and to ask you questions as you progress through the lab period, will be posted each week. The completed *lab manual and report* is required to be submitted on paper and will make up approximately 80% of the grade for each lab. All together, these lab documents will account for 75% of the overall CSC 101 lab grade.

Occasionally, other files, such as image or sound files, meant to help you through the lab will be posted online. Similarly, you will occasionally be asked to upload files you have created into Sakai to be graded.

Please discuss with the instructors or TAs your lab progress before you leave the lab room.

There will be periodic lab quizzes, covering the key concepts from the recent labs. These will account for 25% of the overall lab grade.

Evaluation:

The lab grade you receive counts for 20% of the overall CSC 101 grade. As indicated above, this is broken down into 75% lab documents and 25% lab quizzes. Each lab document is graded as approximately 20% pre-lab and 80% lab report.

It is a policy of this course that, regardless of the percentage contribution to the overall CSC 101 grade, you must earn a passing grade (60%) in the lab to receive an overall passing grade for CSC 101.

You will be asked to submit pre-labs in folders at the front of the lab room at the start of the lab. You will be asked to submit final lab reports in a set of folders in the Computer Science main office (Manchester 233) by 5:00pm the day after your lab (Tuesday labs are due Wednesday, Thursday labs are due Friday). No late labs will be accepted, and pre-labs will not be accepted outside of the lab period.

All labs will require submitting a lab report, as described above, and many will require uploading files to be reviewed. Forgetting to upload a file is considered the same as leaving that component of the lab incomplete.

We plan to have labs graded by the start of the next lab period. Your grade can be found on Sakai and you will receive the original paper version of your lab back. You should verify the correctness of your lab grades and that you have received a lab grade weekly (unfortunately, we do make typos or enter data in the wrong spot on occasion, and you are in charge of the hard copy document once it has been returned!)

Thinkpad Problems:

If your Thinkpad is being repaired at Information Systems, you should still be able to do the lab through the use of a loaner laptop. Please contact the instructor well before the lab if you anticipate not having your original or any Thinkpad with you.

Course Objectives:

- To help students learn the lecture material by providing hands-on experience
- To add to and deepen the body of knowledge the student learns in the lecture
- To help students become more comfortable with computer technology and computer software by encouraging experimentation and exploration
- To provide fundamental technology skills useful in later courses and careers

University Closure:

In the event that the University closes due to a health pandemic or other emergency, you will be provided with the lab professor's home address, phone number, and a *CSC 101 Lab Plan* document. If the Internet is available, lab sections will continue through the use of on-line chat, email, posted videos, the course-website, Sakai, and the campus VPN (to access licensed (keyed) software). If the Internet is unavailable, the labs will be modified so that they do not require licensed (keyed) software. Correspondence and lab materials will be sent out by postal mail weekly or bi-weekly and the completed lab quizzes and lab reports should be returned by mailing them to the appropriate address. Any required files should be burned on a CD and included with the lab report document in your mail.

The Department of Computer Science would appreciate your help preparing for emergency situations in which students might be away from campus for an extended period of time during the course of a semester. For example, extreme weather or widespread health concerns might lead to an extended, but temporary, closing of campus facilities. Under such circumstances we would like for you to be able to continue your academic studies through electronic or postal communication channels. Please assist your instructor by providing the following information. This information will remain with your instructor and will not be disseminated in any way. Collected information will be shredded at the end of the semester.

Name: _____

WFU e-mail address: _____

(Optional) Other, non-WFU, e-mail address: _____

Telephone number where you can be reached if campus is closed:

Mailing address where you can be contacted if campus is closed:
