Syllabus for CSE020-01: Introduction to Computing I

Spring 2017
Instructor: wst.clair

Designation:	CSE20: Introduction to Computing I
Catalog Description:	CSE20 is intended to present the basics of programming to the beginner. Elementary programming skills such as input/output, variables (binary), conditionals, loops and arrays will be covered, using the Java programming language as a learning and exploration tool. CSE20 is a 2 credit course, which includes 1 hour of lecture, 3 hours of lab, and various projects each week. Students in CSE20 are not expected to have any prior programming experience, but should be comfortable using a computer mouse and keyboard.
Text Books and Other Required Materials:	1. Sign up at zyBooks.com 2. Enter zyBook code: UCMERCEDCSE20Spring2017 3. Click 'Subscribe'
Course Objectives/ Student Learning Outcomes:	1. Gaining factual knowledge. 2. Understanding fundamental concepts and principles. 3. Learning to apply knowledge, concepts, principles, or theories to a specific situation or problem.
Program Learning Outcomes:	
Prerequisites by Topic:	
Course Policies:	For this course, you are not required to have your own computer. It is expected that you will do all lab assignments during your designated lab time, in the computer lab for this course. Computers are NOT needed for tests or for any in-lecture activities. Please do not bring laptops or mobile gaming devices to lecture.
	It is not necessary for you to have your own computer for this course, as all computing resources necessary will be provided in the lab. Lab assignments are designed to be completed within the designated weekly lab sessions. However, if you do not complete a particular assignment during normal lab hours, you may use any Open Access lab to complete your work. Even though our labs will use the Linux operating system, the Eclipse programming environment we will use is identical for Linux and Windows.
	For LAB assignments, you may work together with other students if you wish or when assignment asks for explicit collaboration. Giving each other help in finding bugs and in understanding the assignment is encouraged. It is permissible to allow other students to see small portions of your code on-screen during lab, but you may not allow them to copy directly. In general, the deadline for submission for a LAB will be after all the different lab sections for the particular week; however, the posted deadline on CatCourses is the official deadline for each assignment. You will have a chance to resubmit for another week for full credit provided your original submission was before the lab deadline.

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	For Projects, each student must write their program as an individual or in pairs. You may talk with other students about general approaches to the problem, but you may not allow others to see your code, nor may you ask to see another student's code. Projects will follow the similar submission with the initial code submitted on CatCourses before the deadline. Then you will have additional one week to resubmit the code if it does not fully pass all the tests and requirements for the project.
	You may, of course, seek assistance from the course Teaching Assistants and the course Instructor for all the assignments.
	Class Lecture Schedule: Tests and the final exam will be held in the lecture room. Lab sessions are held throughout the week. You are expected to attend the lab session for which you are enrolled, unless you make explicit arrangements with the professor. Lab sections are where you will get most of the information and learn so it is important to be there physically every week. Your participation grade will be a direct reflection of your lab attendance. Make-up exams and extension of deadlines will NOT be provided unless arrangements are made beforehand.
Academic Dishonesty Statement:	a. Each student in this course is expected to abide by the University of California, Merced's Academic Honesty Policy. Any work submitted by a student in this course for academic credit will be the student's own work. b. You are encouraged to study together and to discuss information and concepts covered in lecture and the sections with other students. You can give "consulting" help to or receive "consulting" help from such students. However, this permissible cooperation should never involve one student having possession of a copy of all or part of work done by someone else, in the form of an e mail, an e mail attachment file, a diskette, or a hard copy. Should copying occur, both the student who copied work from another student and the student who gave material to be copied will both automatically receive a zero for the assignment. Penalty for violation of this Policy can also be extended to include failure of the course and University disciplinary action. c. During examinations, you must do your own work. Talking or discussion is not permitted during the examinations, nor may you compare papers, copy from others, or collaborate in any way. Any collaborative behavior during the examinations will result in failure of the exam, and may lead to failure of the course and University disciplinary action.
Disability Statement:	Accommodations for Students with Disabilities: The University of California Merced is committed to ensuring equal academic opportunities and inclusion for students with disabilities based on the principles of independent living, accessible universal design and diversity. I am available to discuss appropriate academic accommodations that may be required for student with disabilities. Requests for academic accommodations are to be made during the first three weeks of the semester, except for unusual circumstances. Students are encouraged to register with Disability Services Center to verify their eligibility for appropriate accommodations.
Topics:	
Class/laboratory Schedule:	Lecture: Monday 3:30 - 4:20 pm, Room: COB2 130, Labs: See schedule for time and location
Midterm/Final Exam Schedule:	This schedule is subject to change, but is tentatively set as follows: Midterm : March 13 (in Lecture) Final Exam : May 11 11:30am--2:30pm

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Course Calendar:	The lab assignments for this class are individual assignments. You may discuss the assignments with others, and help each other with errors, but the work you hand in must be produced by you using the keyboard and mouse. The labs are designed to prepare your skills to complete the programming project, so it is important to complete the labs to the best of your ability even though each individual lab forms only a small part of your overall grade. This lab schedule is subject to change, but the due dates are tentatively set as follows (each of the following is a Monday; your lab will be assigned and due the week that starts with the listed Monday):

January 23 Lab #1
January 30 Lab #2
February 6 Lab #3
February 13 Lab #4
February 20 Lab #5
February 27 Lab #6
March 6 Midterm practice
March 13 Lab #7
March 20 Lab #8
April 3 Lab #9
April 10 Lab #10
April 17 Lab #11
April 24 Lab #12
May 1 Lab #13

Professional Component:	
Assessment/Grading Policy:	Grading will be based on written tests, computer programs, and weekly computer-based lab assignments. All tests will be open-book and open-notes. Your final grade will be calculated based on the following:

Participation: 8%
1 written, in-class test: 20%
2 Projects: 12%
Lab assignments: 30%
Final exam (comprehensive): 30%

Coordinator:	William St. Clair
Contact Information:	Email: wst.clair@ucmerced.edu I will try to answer your emails within 48 hours. However, I cannot answer email after 5:00 p.m. or on weekends. Please plan accordingly.
Office Hours:	M 4:30--6:30pm (AOA 146) or by appointment