CPSC 230 – Computer Science I
Fall 2017
Course Syllabus

Instructor: Prof. Elizabeth Stevens (estevens@chapman.edu)
Lecture: T/TH 10:00 - 11:15 am, Leatherby Libraries Lab B14 (Section 01)
T/TH 11:30 - 12:45 pm, Leatherby Libraries Lab B14 (Section 02)
Office Hours: Becket 203, T/TH 2:30 -3:45 pm and W 2:00 – 4:00 pm, and by appointment.

Overview: CPSC 230 is an introductory course designed to introduce students to the field of computer science in general and computer programming in particular. After a brief coverage of fundamental computer architecture, students will learn the foundations of software development using the programming language Python. Topics include basic program organization, data types, conditionals, repetition, functions, and file I/O. Object-oriented principles will be introduced. When possible techniques will be applied to problems from other academic disciplines such as bioinformatics, chemical informatics, and computational economics.

Prerequisites: MATH 104 or permission of instructor.

Units: CPSC 230 is a 3-unit course.

Required Text: *The Practice of Computing Using Python,* Author: Punch & Enbody, Publisher: Pearson, Edition: 3rd (March 10, 2016)

Course materials:
All course materials will be made available via the course site on Blackboard when possible. Blackboard will also be used for submitting assignments, viewing grades, etc.

Homework, Exams, and Grading (subject to change):
Homework will consist of programming assignments to reinforce material covered in class and must be submitted electronically. You can expect one assignment per week. They will typically be due at 11:59pm on the given date and will be submitted through Blackboard. All programs must be written in Python unless otherwise specified. You may develop on any platform you like, but please make sure your code runs the way you want it to on a machine with IDLE, since this is what will be used to evaluate the assignments. Grading will be based on correctness, elegance of solution, and style (comments, naming conventions, etc.)

As I know life can get hectic and occasionally everything does not go to plan, you will be allowed 3 late days or grace periods on assignments for the semester. These can only be used in 24 hour increments, i.e. – if you submit an assignment 3 hours late or 22 hours late, 1 of your 3 days will be used. If you would like to use a late day, please state so in a

comment at the top of your program. You do not need to ask me to use a late day. No late work will be accepted outside of this policy.

It is expected that students attend every lecture. Participation in these sessions will contribute to the final course grade. There may also be occasional quizzes on the reading and lecture material, which will count toward the participation grade. IF YOU MISS A QUIZ, YOU MAY NOT MAKE IT UP.

There will also be two in-class exams and a final exam, which must be taken on the dates specified. NO MAKEUP EXAMS WILL BE ADIMINSTERED.

Grading:

Attendance/Participation (quizzes, participation activities, etc.)	5 %
Programming Assignments	40 %
Exam 1	15 %
Exam 2	15 %
Final	25 %

Assignment Grading:
All assignments will be graded by a well-qualified and knowledgeable Graduate Teaching Assistant (GTA). This GTA is there to provide assignment feedback and overall class support. Three (3) office hours per week will be offered by the GTA, in addition to the those provided by myself. Office hours may be held in person or virtually (email, hangouts, etc.). **Any questions concerning late submissions or assignment grade inquires should be directed to the GTA first for clarification and then to me if needed.** Late days will be recorded by the GTA.

Collaboration Policy:
You have much to learn from your colleagues, and so I encourage you to discuss and study course material together. However, all work you submit for this course must be your own, and must be completed individually unless otherwise specified. More specifically, you may not present source code or programs copied from the Internet, other texts, other students, etc. as your own work. Of course, you are free to use whatever *reference* materials you like, but please cite them in a README turned in with your assignments. A README is a .txt document with a list of all reference materials used to aid in the assignment as well as names of other classmates you collaborated with. I assume you are familiar with Chapman's policy on academic misconduct, it is presented below and any incidents of academic misconduct or dishonesty will be dealt with severely in accordance with this policy.

Expectations and Technology:
I expect that everyone will maintain a classroom conducive to learning. I like an informal atmosphere, but it must be orderly. Thus, everyone is expected to behave with basic politeness, civility, and respect for others. In particular, talking in class is okay if it's part of

a class discussion or with me. Private communications are not permitted, especially during exams. Neither are reading extraneous materials, using electronic equipment off task, or sleeping. As this is a Computer Science class, technology is allowed to aid in learning and understanding material. However, please do not use a personal device for any purpose unrelated to our class. All devices should be silenced. Cell phones should be put away. Suggestions for improvement are welcome at any time. Any concern about the course should be brought first to my attention.

Chapman University's Academic Integrity Policy:
Chapman University is a community of scholars that emphasizes the mutual responsibility of all members to seek knowledge honestly and in good faith. Students are responsible for doing their own work and academic dishonesty of any kind will be subject to sanction by the instructor/administrator and referral to the university Academic Integrity Committee, which may impose additional sanctions including expulsion. Please see the full description of Chapman University's policy on Academic Integrity:
www.chapman.edu/academics/academicintegrity/index.aspx.

Chapman University's Students with Disabilities Policy:
In compliance with ADA guidelines, students who have any condition, either permanent or temporary, that might affect their ability to perform in this class are encouraged to contact the Office of Disability Services. If you will need to utilize your approved accommodations in this class, please follow the proper notification procedure for informing your professor(s). This notification process must occur more than a week before any accommodation can be utilized.

Please contact Disability Services at (714) 516-4520 or visit
www.chapman.edu/students/student-health-services/disability-services if you have questions regarding this procedure, or for information and to make an appointment to discuss and/or request potential accommodations based on documentation of your disability. Once formal approval of your need for an accommodation has been granted, you are encouraged to talk with your professor(s) about your accommodation options. The granting of any accommodation will not be retroactive and cannot jeopardize the academic standards or integrity of the course.

Chapman University's Equity and Diversity Policy:
Chapman University is committed to ensuring equality and valuing diversity. Students and professors are reminded to show respect at all times as outlined in Chapman's Harassment and Discrimination Policy: http://tinyurl.com/CUHarassment-Discrimination. Any violations of this policy should be discussed with the professor, the Dean of Students and/or otherwise reported in accordance with this policy.

Student Support at Chapman University:
Over the course of the semester, you may experience a range of challenges that interfere with your learning, such as problems with friend, family, and or significant other relationships; substance use; concerns about personal adequacy; feeling overwhelmed; or feeling sad or anxious without knowing why. These mental health concerns or stressful

events may diminish your academic performance and/or reduce your ability to participate in daily activities. You can learn more about the resources available through Chapman University's Student Psychological Counseling Services here: https://www.chapman.edu/students/health-and-safety/psychological-counseling/

Fostering a community of care that supports the success of students is essential to the values of Chapman University. Occasionally, you may come across a student whose personal behavior concerns or worries you, either for the student's well-being or yours. In these instances, you are encouraged to contact the Chapman University Student Concern Intervention Team who can respond to these concerns and offer assistance: https://www.chapman.edu/students/health-and-safety/student-concern/index.aspx While it is preferred that you include your contact information so this team can follow up with you, you can submit a report anonymously. 24-hour emergency help is also available through Public Safety at 714-997-6763.

Changes:
This syllabus is subject to change. Updates will be posted on the course website.