CS 1400/Recitation: CS1 – Introduction to Computer Science
Fall 2019

Location & Time:	Section 1: ESLC 046 MWF 8:30 – 9:20 Section 2: Widstoe 007 MWF 10:30 – 11:20
Instructor:	Dr. Chad Mano
Office:	Old Main 435
Office Hours:	MWF 9:30 – 10:20 and by appointment
E-mail:	chad.mano@usu.edu
Phone:	435-797-5794 (email is better)
TA/Recitation Instructor:	See your recitation schedule
Website:	Canvas
Textbook:	*Introduction to Programming Using Python*, Y. Daniel Liang ISBN-13: 978-0-13-440024-2 This course utilizes all-inclusive digital materials that are provided to you at a lower price than traditional printed materials. These materials are paid for through your student tuition/fee account and are accessed through the Canvas course site. You may choose to opt-out of the all-inclusive materials and associated charges, For more information, or to opt out, visit: https://portal.verba.io/usu/login

Course Details

1. Course number and name: CS1400 - Introduction to Computer Science (CS1)
2. Credits: 4
3. Course Fee $115 – for Teaching Assistants/tutors and/or special equipment
4. Specific Course Information:
   a. Course Description: This is an introduction to the science problem-solving, programming, program development, algorithm analysis, and data structures. Students learn to develop correct software in a current programming language environment.
   b. Prerequisites:
      i. MATH 1050 with a grade of C- or better
      ii. Math ACT score of 25 or higher or equivalent SAT score
      iii. AP Calculus AB score of 3 or higher
5. Specific goals for the course
   a. Course Objectives:
      i. To develop mastery level of proficiency in: data types, conditional operations, looping structures, functions, classes and objects, lists/arrays.
   b. Materials in this course support the following Computer Science student outcomes:
      SO2 - Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
6. Brief list of topics to be covered
   a. Intro to Python
   b. Variables, Literals, and Assignment Statement
   c. Identifiers
   d. Integer Data Types

e. Floating-Point Data
f. Scope
g. Functions
h. Expressions
i. Looping
j. Classes and Objects
k. Lists

Grading

Requirement	Percentage of Grade
Homework	60%
Exams	30%
Recitation	10%
Total	100%

Final grades will be based on the following percentages. The grading scale may possibly be adjusted down, but will not be adjusted up. This means, for example, that if your final percentage is 82%, you will be guaranteed a B- grade, but may receive a B depending on the overall performance of the class.

A	93%	C+	77%
A-	90%	C	73%
B+	87%	C-	70%
B	83%	D+	66%
B-	80%	D	60%

Exams

Exams will be administered in the USU Testing center. You will need to schedule a time to take the exam during the allotted timeframe. You can do this at http://testing.usu.edu. There will be two midterm exams and one final exam. These dates will not change. Exams may not be made up except in extreme circumstances, and I must be notified as soon as reasonably possible in such an event.

Midterm 1	February 7 - 8
Midterm 2	March 21 - 22
Final	Finals Week

Assignments

Assignments will typically be due each Friday. Each assignment will include a programming portion and may include a written portion as well. Unless otherwise specified, all homework will be submitted through Canvas. Please pay attention to any special instructions for submitting homework.

Part of submitting homework is to download and verify your submission. You will be graded on whatever is submitted, not on what was intended to be submitted.

Assignments are due at 11:59PM of the due date. The official clock is the Canvas system. Thus, if Canvas says it is late, then it is late. You can turn in assignments up to one day late with a penalty of 25% of points possible.

You are given one free pass where you are able to turn in an assignment up to two days late without penalty. This will occur automatically on the first assignment you turn in late. Use this wisely. If you turn in an assignment late and do poorly you will get 100% of the poor score. If you turn in a second assignment late and do great, you will get 75% of that great score (if the assignment is 1 day late).

Your lowest assignment score (% of points possible) will be dropped at the end of the semester.

The final assignment will not be accepted late, even if you turned in all previous assignments in on-time.

Recitation/Lab
10% of your grade in CS 1400 is determined by your CS1400.5XX Recitation Lab grade. Recitation classes begin the second week of the semester. You must attend 11 of the 13 scheduled recitations in order to receive full credit. Recitations are not held on official university holidays. Students scheduled to attend those days will automatically receive credit for the class. Your recitation score is based on attendance and the successful completion of assigned activities. You can miss two recitation classes and receive 100% credit.

Canvas Auto Access: Introduction to Programming Using Python eBook by Liang
This course requires all-inclusive digital materials that are provided to you at a significantly lower price than traditional printed materials. These materials are paid for through your student tuition/fee account and are accessed through the Canvas course site. You may choose to opt-out of the all-inclusive materials and associated charges, but you will lose access to the required materials, which will have a negative effect on your performance in the course. Opt-out requests must be submitted by Jan. 28, 2019 at 11:59 pm Mountain Time, after which you will also be responsible for obtaining the required materials through your own means. For more information, or to opt out, visit: HTTPS://PORTAL.VERBA.IO/USU/LOGIN

Academic Calendar
The USU academic calendar can be found at: http://www.usu.edu/calendar/academic.

Communication
Please sign up to receive an email when I post an announcement to the Canvas system. This will be the main way I communicate with the entire class outside the classroom.

The best way to contact me is during office hours, or via email. I will do my best to answer emails promptly, but emails coming in after 5:00 PM will typically be answered the following school day. Communication skills are an important part of your future career, and thus, are an important part of this course. Please use proper grammar, spelling, and etiquette in your communication with me, the TA, and your fellow classmates. I will respond to you according to what you write/say, not necessarily according to what you intended to say. (If you ever write, "Let's eat Grandma," I will be calling the police, not letting your Nana know it's time for dinner).

When emailing, **please include the course number and section in the subject line**. This will help me answer emails in a more efficient manner.

Academic Freedom and Professional Responsibilities
Academic freedom is the right to teach, study, discuss, investigate, discover, create, and publish freely. Academic freedom protects the rights of faculty members in teaching and of students in learning. Freedom in research is fundamental to the advancement of truth. Faculty members are entitled to full freedom in teaching, research, and creative activities, subject to the limitations imposed by professional responsibility. USU Policy 403 further defines academic freedom and professional responsibilities.

Academic Integrity - "The Honor System"
Each student has the right and duty to pursue his or her academic experience free of dishonesty. The Honor System is designed to establish the honest conduct expected and required of all Utah State University students.

To enhance the learning environment at Utah State University and develop student academic integrity, each student agrees to the following Honor Pledge: "I pledge, on my honor, to conduct myself with the foremost level of academic integrity." A student who lives by the Honor Pledge is a student who does more than not cheat, falsify, or plagiarize. A student who lives by the Honor Pledge:

- espouses academic integrity as an underlying and essential principle of the Utah State University community,
- understands that each act of academic dishonesty devalues every degree that is awarded by this institution, and
- is a welcomed and valued member of Utah State University.

This course adheres to the cheating policy for courses in the Department of Computer Science posted on the bulletin board outside the CS office on the 4th floor of Old Main and posted online at http://cs.usu.edu/policies-forms/code-of-conduct, as well as the USU Student Code: https://studentconduct.usu.edu/aiv.

Grievance Process
Students who feel they have been unfairly treated [in matters other than discipline, admission, residency, employment, traffic, and parking - which are addressed by procedures separate and independent from the Student Code] may file a grievance through the channels and procedures described in the Student Code: Article VII Grievances

Plagiarism
Plagiarism includes knowingly "representing by paraphrase or direct quotation, the published or unpublished work of another person as one's own in any academic exercise or activity without full and clear acknowledgment. It also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials." The penalties for plagiarism are severe. They include warning or reprimand, grade adjustment, probation, suspension, expulsion, withholding of transcripts, denial or revocation of degrees, and referral to psychological counseling.

Sexual Harassment
Sexual harassment is defined by the Affirmative Action/Equal Employment Opportunity Commission as any "unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature." If you feel you are a victim of sexual harassment, you may talk to or file a complaint with the Affirmative Action/Equal Employment Opportunity Office located in Old Main, Room 161, or call the AA/EEO Office at (435) 797-1266.

Students with Disabilities
The Americans with Disabilities Act states: "Reasonable accommodation will be provided for all persons with disabilities in order to ensure equal participation within the program." If a student has a disability that will likely require some accommodation by the instructor, the student must contact the instructor and document the disability through the Disability Resource Center (435) 797-2444, preferably during the first week of the course. Any request for special consideration related to attendance, pedagogy, taking of examinations, etc., must be discussed with and approved by the instructor. In cooperation with the Disability Resource Center, course materials will be provided in alternative format (e.g. large print, audio, diskette, or Braille) upon request.

Withdrawal Policy and "I" Grade Policy
Students are required to complete all courses for which they are registered by the end of the semester. In some cases, a student may be unable to complete all of the coursework because of extenuating circumstances not due to poor performance or to retain financial aid. The term 'extenuating' circumstances includes: (1) incapacitating illness which prevents a student from attending classes for a minimum period of two weeks, (2) a death in the immediate family, (3) financial responsibilities requiring a student to alter

a work schedule to secure employment, (4) change in work schedule as required by an employer, or (5) other emergencies deemed appropriate by the instructor.