All of the following info was copied from Canvas

Course Syllabus

Please choose your own textbook. I can *recommend* the following:

"Python For Everyone" by Horstmann &Necaise
  ~OR~
The ebook by signing up at zybooks.com, enter the book
code: **FOOTHILLCS21AHaightFall2018,** click *Subscribe*
  ~OR~
a book of your choice.
Please choose whatever book looks best to you, but make sure it covers Python VERSION 3.

We will be studying Python VERSION 3 in this class, so it is critical that you download and install VERSION 3 of the Python language before completing the first assignment. There is information in the Modules about how to do this.

Each week you will have a **programming assignment** and a Discussion question to answer. Note that the assignment and Discussion question are due at midnight on Wednesdays. You can submit a late assignment or resubmit an assignment if it will raise your score. I take *one point off for each week* that an assignment is submitted or resubmitted after the due date.

You can take the **midterm** during any one hour window between Thursday, 8 Nov, at 8:00 am ~and~ Sunday, 11 Nov at midnight.

You can take the **final exam** during any two hour window between Thursday, 6 Dec at 8:00 am ~and~ Sun, 9 Dec at midnight.

1.1 Information about this course

At the end of this course, you will be able to design, implement and test Python 3 programs. You will be able to use modules created by others as well as create your own Python modules. Analysis, problem solving, object oriented programming and software engineering principles such as modularity and documentation will be stressed.

Instructor:

Elaine Haight   -   haightelaine@foothill.edu -   650-949-7624

Office Hours:

Mondays and Wednesdays 9:00 - 9:50 am in Main Campus Room 4114. Other times I can have a face-to-face meeting or a telephone conference with you if you send me an Inbox Message through Canvas with your telephone number and a good time to meet or a good time for me to call you.

Laboratory:

Use the computers on campus (STEM Center), or download and install **Python 3** on your own computer. There are also computers for your use on the second floor of the Sunnyvale Center in the computer lab.

Prerequisite:

Math 105 or 108, or successful completion of intermediate algebra. Previous experience with any programming language (not including HTML nor SQL).

Grading:

There will be 10 homework assignments, each one is a Python program. Your homework points will be weighted as 50% of your total grade; your midterm and final exam points together will be weighted as 40% of your total course grade. Each week I will post a question to our Canvas Discussion forum; you are required to respond to these questions each week, and your responses will be weighted as 10%. You must pass the final in order to pass the class.

If you earn 97% (or more) of the points available in the class, you get an "A+"; 93% earns an "A"; 90% earns an "A-"; 87% earns a "B+"; 83% earns a "B"; 80% earns a "B-"; 77% earns a "C+"; 70% earns a "C"; 67% earns a "D+"; 63% earns a "D"; 60% earns a "D-"; and below 60% earns an "F".

Academic Honesty:

The work you turn in must be your own. You may ask others for assistance, but your solution must have your "thumbprint" on it, and not be the same as any other student's. If two students turn in identical papers, both students receive zero, with no chance to redo.

If you find code on the internet and incorporate it into your solution, you must credit the author of the code by including a link to the website where you found it. If you use submit a solution under your name and you did nothing but change the variable names, you will be given a 0 with no chance to resubmit.

Laboratory Submissions:

For each lab assignment, you must submit both the listing of your program and the run. I will not grade a lab assignment that does not include proof that it runs,

which is in the form of a recording of what happens when you run it. Late labs get 1 point off for each *week* that they are late. This means that if your assignment is one hour late or 6 1/2 days late, it will still get 1 point off. If your lab is over 7 days late, it will get 2 points off, etc. You *can* redo an assignment, but it will be counted off for being late.

You can see the Student Learning Objectives for this class here: http://www.fgamedia.org/faculty/loceff/cs_courses/common/slos/cs_slos_1.html (Links to an external site.)Links to an external site.

Course Summary:

Date	Details	
Wed Oct 3, 2018	📝 Assignment #1: "Hello World"	due by 11:59pm
	📝 What other programming language do you know?	due by 11:59pm
Wed Oct 10, 2018	📝 Assignment #2: "Form Letters"	due by 11:59pm
	📝 What BUG have you found and how did you fix it?	due by 11:59pm
Wed Oct 17, 2018	📝 Assignment #3: "Dictionaries"	due by 11:59pm
	📝 What happened to arrays?	due by 11:59pm
Wed Oct 24, 2018	📝 Assignment #4: "Spelling Numbers"	due by 11:59pm
	📝 What would you like to ask a working Python programmer?	due by 11:59pm
Wed Oct 31, 2018	📝 Assignment #5: "A Card Object"	due by 11:59pm
	📝 Please contribute a good midterm exam question	due by 11:59pm
Wed Nov 7, 2018	📝 Assignment #6: "A Robust Card Object"	due by 11:59pm
	📝 What would be a useful class to have already defined?	due by 11:59pm
Sun Nov 11, 2018	📝 Midterm Exam	due by 11:59pm
Wed Nov 14, 2018	📝 Assignment #7: "Different Types of Employees"	due by 11:59pm
	📝 Which Built-in Function do you think would be useful?	due by 11:59pm
Wed Nov 21, 2018	📝 Assignment #8: "Comparing Employees"	due by 11:59pm
	📝 What have you learned so far?	due by 11:59pm
Wed Nov 28, 2018	📝 Assignment #9: "A Hand of Cards"	due by 11:59pm
	📝 What Python program would you like to write?	due by 11:59pm
Wed Dec 5, 2018	📝 Assignment #10: "Graphical User Interface"	due by 11:59pm
Sun Dec 9, 2018	📝 Final Exam	due by 11:59pm

1.2 How to Succeed in This Class

Complete a Program Every Single Week. I believe that most of your learning will take place while you are working on laboratory assignments. Therefore, there will be an assignment due every week and each assignment is a computer program. If you don't submit an assignment two weeks in a row, you will be dropped from the class. This is because it is impossible to succeed in this class without studying *every single week* of the quarter.

Follow the Program Guidelines. These are listed in the section in this Module labelled "IMPORTANT!". If you have any questions about the Program Guidelines, please ask in the Discussion.

Read My Feedback. Immediately after the due date for an assignment, I will review your work and give comments on every submission. I work hard to give this feedback within 24 hours after the due date, so I expect you to look at what I wrote on your one assignment submission before you start working on the next assignment. Every single assignment submission receives written comments from me. If you are not able to see my comments, or if there is anything in my comments that you don't understand, you must ask in the Discussion immediately.

My job is to criticize your work, so my comments can seem, well, critical. Please don't take it personally because everyone can improve. To be successful in programming you have to be able to take criticism and respond constructively to it. If you disagree about anything I write in my comments on an assignment, you MUST post a question about it in the Discussion. A lot of learning takes place in these types of online Discussions.

Do Not Submit Incomplete Assignments. If you are having difficulty finishing an assignment - and everyone does at some point – there are many ways to get help. You can see all the different places to get help listed on the Home page of our Canvas website. The Assignments tool is for submitting *complete* assignments and getting feedback. If you submit a program in the Assignments tool that is incomplete, I will not review it.

Post to the Discussion. Everyone needs to post their questions in the Discussion forum here in Canvas. This Discussion forum is public only to the members of this class. For example, your posts will not appear in the results of a Google search. You will see quickly that the Discussion enriches everyone's learning experience!

Each week there will be a question I pose in the Discussion forum, and every student must answer the question. In order to receive the point for that week, your answer must reflect independent thought and information that might be

helpful to others. The sooner you answer the question the easier it will be to come up with something different from other students!

If you send me a Message through email or Inbox concerning anything in the class, I will respond with: "Please ask in the Discussion." I will then wait until you post your question in the Discussion before I answer your question. You will lose important time in getting your question answered if you ask it in a Message (or – goddess forbid – an email) to me. I answer questions that are posted in the Discussion all day Monday through Friday and once a day on the weekends and holidays. If you see a question that you know the answer to, by all means post the answer! Follow-up questions and reasoned disagreement is encouraged, but please don't reply with a "thank you" as it wastes everyone's time to look at a post that has no information.

Regarding Late Assignments: *Do not submit more than one assignment per day*. If you submit a late assignment and I have not reviewed it within 36 hours, please send me an Inbox message asking me to review it. Especially when you are submitting assignments late, *it is critically important that you get feedback on the previous assignment before you start the next one*. I will not review more than one assignment from a given student per day.