

Saddleback College
School of Business Division - Course Syllabus
CIMP 110 – Programming with Python

1/16/2018- 5/23/2018

Instructor: Kelly McBean
Phone: (prefer email)
Email: kmcbean@saddleback.edu
Office Hours:

Semester: Spring 2018
Ticket No: 15675
Time & Day: 6:00-8:50PM M
Room: BGS 234

COURSE DESCRIPTION:

Introductory course exploring concepts in Python programming. Basic syntax, variables, strings, conditions, loops, classes, utilities, and frameworks will be introduced. No prior coding experience necessary

Complete course details can be found at:

<https://mysite.socccd.edu/onlineschedule/ClassDetail.asp?sectionID=15675&termid=20181>

STUDENT LEARNING OBJECTIVES:

Upon completion of this course, student will be able to:

1. Identify basics of programming with industry standard programming language.
2. Identify basic syntax, implement algorithmic approach to solve problems into readable programs.
3. Work on projects representing real world requirements as individuals or groups.
4. Develop meaningful portfolio to showcase programming skills in industry specific requirements.

STUDENT LEARNING OUTCOMES:

Upon completion of this course, student will be able to:

1. Utilize an industry standard programming language.
2. Develop algorithms to solve problems.
3. Demonstrate knowledge of program concepts and apply them to real world scenarios.
4. Complete projects and showcase them in a portfolio.

IMPORTANT DATES:

- | | |
|----------------------------|-----------|
| • First Week of Class | 1/16/2018 |
| • Drop with Refund | 1/28/2018 |
| • Last day to add with APC | 2/4/2018 |
| • Drop without 'W' Grade | 2/4/2018 |
| • Drop with 'W' Grade | 4/11/2018 |
| • Last week of Class | 5/23/2018 |

The SOCCCD 2017-2018 Academic Calendar:

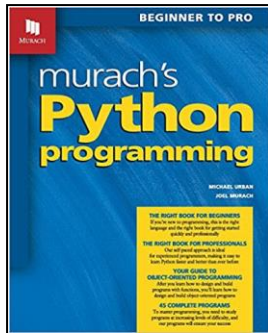
<https://www.saddleback.edu/uploads/graphics/2017-18calendar.pdf>

STUDENT LOGIN INFORMATION:

Student Login Information can be found at: <http://www.socccd.edu/help/login.htm>

- Class Web Site Canvas: button on <http://www.saddleback.edu/>
 - Login credentials are the same as My Site & Blackboard
- Saddleback E-mail address: button on <http://www.saddleback.edu/>
 - Don't change your Saddleback email address, forward it:
 - Options, Settings, Mail forwarding
- MySite: button on <http://www.saddleback.edu/>

STUDENT RESOURCES:



Text: (Required)

Beginning C# 6 Programming with Visual Studio 2015

By: Perkins, Hammer, Reid

ISBN-13: 978-1119096689

Publisher: Wrox

Publication Date: 2015



PyCharm: (Optional)

GRADING SUMMARY:

GRADE EVALUATION:		FINAL GRADE:
Assignments: (300)	33%	(1000-900) 90% - 100% = A/Credit
Code Labs (280)	31%	(899-800) 80% - 89% = B/Credit
Quizzes (20)	2%	(799-700) 70% - 79% = B/Credit
Final (300)	33%	(699-600) 60% - 69% = D/No Credit
Total: (900)	100%	Below 60% = F/No Credit
(points) subject to change		

Development Environment: This course will require a you to work in a specific development environment (see Software Required). If you do not have access to a computer off campus, check the computers in the Computer Lab in the BGC building, they may provide a sufficient working development environment.

Ultimately, it is the student's responsibility to acquire and/or maintain a working development environment for the duration of the course.

Late Work: In order to be fair to the students that submit their work on time, assignments turned in late will be given a maximum of 90 points (90%) Incorrectly submitted assignments will be considered late or given zero points.

Resubmitting Work: My goal is to help you learn the material. If I feel you made an honest attempt at completing an assignment but struggled with a concept, I have the option to offer advice to fix the assignment and allow you to resubmit for regrade (maximum grade up to 90%) but this is offered only at my discretion and must be pre-approved before resubmitting.

Course Materials: It is the students' responsibility to obtain the required course materials (e.g. textbook) before the first day of the semester. Please take this into account if you are ordering your course materials online. Remember, the late work policy.

Online Resources: This course will require the use of online resources. This course will use the online Canvas course management system; the following areas may be included: announcements, content/lectures, assignments, quizzes, discussions, and grades. The students may be required to read and download online materials, submit weekly assignments and projects online, participate in online discussions, and take exams online by specific due dates. It is the students' responsibility to log on to the course website in Blackboard a minimum of twice per week; remember to read the Announcements section. It is the student's responsibility to read their Saddleback e-mails a minimum of twice per week.

Netiquette: Netiquette is Internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online. Students are to comply with the following rules of netiquette: (1) identify yourself, (2) include a subject line, (3) avoid sarcasm, (4) respect others' opinions and privacy, (5) acknowledge and return messages promptly, (6) copy with caution, (7) do not spam or junk mail, (8) be concise, (9) use appropriate language, (10) use appropriate emoticons (emotional icons) to help convey meaning, and (11) use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!!)]. Please read more information regarding IVC's Social Media Policies at <http://www.ivc.edu/resources/policies/pages/socialmedia.aspx>.

Course Communication Policy: I will try to respond to e-mails Monday through Friday evenings, as well as Saturday and Sunday: mornings and evenings. Since I do not have office hours, email is the best way to communicate with me.

Emails & Discussions: You can E-mail me at: kmcbean@saddleback.edu.

If this course includes a Discussion Board, questions can be also posted for other students to answer. However, no homework solutions should be posted here. Students are encouraged to answer questions posted by other students. If you post a question that is not answered by another student in two days, it's your responsibility to bring it to our attention by e-mailing me.

Drop Policy: It is the students' responsibility to officially drop/withdraw from a course, through Admissions and Records or MySite. Uncompleted course work may result in a failing grade ("F"). The instructors may drop students who have a zero in three assignments. Please contact the instructor prior to dropping this course. We want to see you succeed in this course.

No-show Drop: For online and hybrid classes, make sure you complete the Course Intro Quiz by the due date, otherwise, you will be dropped as a "No-Show".

Incomplete Grades: Incomplete grades will only be awarded in cases of documentable medical emergencies that occur after the drop deadline. Students wishing to petition for an Incomplete must notify the instructor before the class ends and must provide documentation to show that the emergency prevents the student from completing the course. Students are expected to withdraw from a class they cannot finish. Therefore, Incompletes will only be given to students who have a documentable reason and have successfully completed a minimum of 50% of the coursework.

DSPS: If you have specific disabilities and require accommodations, please let the instructor know the first 10 days of the semester, so that your learning needs may be met; you will be referred to the Disabled Students Programs and Services (DSP&S) office where documentation of your disability will be provided to receive services and accommodations.

More information can be found at: <https://www.saddleback.edu/dsps>

Honest/Ethical Behavior: Violations of the Academic Honesty Policy, found at <https://www.saddleback.edu/la/acts-academic-dishonesty>, or the Student Code of Conduct, found at <https://www.saddleback.edu/uploads/vpss/CodeofConduct.pdf>, will result in disciplinary action and subject a student to administrative procedures. Please read these policies carefully.

All work is to be done individually. If you run into a problem, it is fine to seek *assistance*, so long as you are still the one who does the work. Assignments are NOT joint projects (unless noted as such) and working together in groups is NOT permitted (unless noted as such). Any duplicate and/or similar work may be deemed to be copies and given zero points.

Saddleback College is a community of higher learning committed to fostering an atmosphere of excellence and mutual respect. Students, faculty and staff are expected to conduct themselves as responsible citizens and comply with all regulations contained in the Saddleback College Catalog, Student Handbook, and other college publications and notices.

Class Philosophy: This class is a community. We all have the same objective: to learn. Online students often feel isolated but it's important to know you are not in this alone! We need each of you to approach this class with a great attitude and a willingness to help each other. Many problems and questions can be resolved by asking a fellow student. We are always here to help you but we truly believe your experience will be better if you communicate with your fellow students throughout the semester.

Recording and Recording Devices: Other than Disabled Students Programs and Services (DSPS) directed auxiliary aids and academic accommodations, the use of any electronic listening or recording device in any classroom is prohibited without the explicit prior consent of the instructor (CA Ed Code Sec. 78907). It is in violation of South Orange County Community College District (SOCCCD) policies (BP 5401 & AR 5401) which address student conduct. It is also a crime to record any private communication, such as a classroom lecture, without the consent of all parties to the conversation (Cal. Penal Code § 632). Violation of such rules may result in disciplinary action.

Tkt # 15675		Semester Schedule			
Wk	Date	Topic	Reading	Labs	Due (End of Day)
1	1/22	Syllabus / Schedule / Course Intro / Submitting Assignments Assignment 1 – Intro to Python Assignment 2 – Writing Programs Code Lab 1	Chapter 1 Chapter 2		Intro Quiz (1/28)
2	1/29	Assignment 3 – Flow Control Code Lab 2	Chapter 3	CL1	Assignment 1 Assignment 2
3	2/5	Assignment 4 – User Defined Functions Code Lab 3	Chapter 4	CL2	Assignment 3 Code Lab 1
4	2/12	Assignment 5 – Debugging & Testing Code Lab 4	Chapter 5	CL3	Assignment 4 Code Lab 2
5	2/26	Assignment 6 – Lists and Tuples Code Lab 5	Chapter 6	CL4	Assignment 5 Code Lab 3
6	3/5	Assignment 7 – File I/O Code Lab 6 Assignment 8 – Exception Handling Code Lab 7	Chapter 7 Chapter 8	CL5	Assignment 6 Code Lab 4
7	3/12	Assignment 9 – Working with Numbers Assignment 10 – Working with Strings	Chapter 9 Chapter 10	CL6 CL7	Assignment 7 Code Lab 5 Assignment 8
	3/19	Spring Break			
8	3/26	Assignment 11 – Working with Dates& Times Assignment 12 – Working with Dictionaries	Chapter 11 Chapter 12		Assignment 9 Code Lab 6 Code Lab 7
9	4/2	Assignment 13 – Working with Recursion & Algorithms	Chapter 13		
10	4/9	Assignment 14 - Classes	Chapter 14		
11	4/16	Assignment 15 - Inheritance	Chapter 15		
12	4/23	Assignment 16 – Object-Oriented Programming	Chapter 16		
13	4/30	Assignment 17 – Databases Assignment 18 - GUI	Chapter 17 Chapter 18		
14	5/7	Final Project			
15	5/14	Final Project			Final Project (5/21)