

Course Syllabus

Programming with Multi Media Objects – CS 177 - Spring 2019

This syllabus is designed for all CS 177 students, whether they are enrolled in the face-to-face or online section of the course. Efforts have been made to include specific details where they differ between the sections, if you have questions please contact the instructor or the course staff for clarifications.

Instructor Contact Information

Name: Gary McFall

Office Location: HAAS G22

eMail address: gmcfall@purdue.edu

Office Phone: 765-494-7804

Office Hours: Tuesday / Friday: 10:00 am – 11:30 am
Wednesday: 12:00 pm – 1:30 pm

Graduate TA Contact Information

Name: Sabareesh Mamidipaka

email: smamidip@purdue.edu

Name: Dylan Rodriquez

E-mail address: drodriqu@purdue.edu

Name: Shashank Kashyap

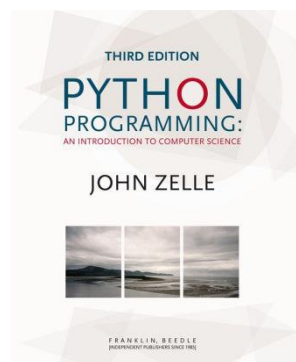
E-mail address: skashya@purdue.edu

Name: Rohith Sanaga

E-mail address: rsanaga@purdue.edu

Text Book and Software Information

To successfully complete this course you'll need the following items :



- 1) Textbook : *Python Programming* (3rd edition) –Zelle
- 2) Course Packet (Spring 2019 edition) - McFall
- 3) Codelab License* : For homework and coding practice
- 4) Piazza Account : Discussion board assignments, questions/answers, etc
- 5) Python 3.5 or above (including the IDLE interface)

Registering and Accessing CodeLab:

1. Go to www.tcco1.com
2. Click 'Register for CodeLab'
3. During enrollment, use the Section Access Code: **PURD-26852-ACNE-39**

Registering for and Accessing Piazza:

1. You will receive an email invitation to join the CS 177 Piazza discussion board.
2. Follow the link provided in the email and complete your registration

Downloading Python with the IDLE Interface

1. Go to <https://www.python.org/downloads>
2. Download the desired version (we recommend at least version **3.5** or higher)
3. Choose the version that matches your computer's operating system
4. Make sure to include the IDLE programming interface if given the option

Course Policies

Regardless of whether they are taking this course face-to-face or online, students should be prepared and conduct themselves in a professional manner at all times. Your conduct should not interfere with the ability of others to work, learn and succeed. The staff will make a point to speak to you directly about your behavior if you are disruptive or inconsiderate. If you refuse to correct your behavior, you will be asked to leave the classroom and may receive a punitive grade change or be reported to the Dean of Student's office.

Activities that will not be tolerated in this course include:

- Sharing your files or asking other students to share their files with you.
- Submitting the work of other students (either whole or in part).
- Disruptive or disrespectful behavior in the classroom or online
- Making disrespectful or non-course related posts on the discussion board

This includes all students whether or not they are enrolled in CS 177.

Maximizing Your Grade

Students who wish to maximize their grade in CS 177 need to take the time to follow these six simple steps:

1. **Complete All Assignments:** It seems so simple, however the most common reason students do not earn a high grade in this course is that they miss, forget or just ignore assignments and due dates.
2. **Participate:** Since as much as 5% of your semester grade is based on participation and topic discussions, skipping these opportunities represents your decision to accept a lower grade. Class meetings and online discussions may not be the most exciting part of your Purdue experience, but they are an important part of learning the course material.
3. **Don't Rush:** Homework assignments in particular are designed to be a relatively easy source of points and an opportunity to mentally prepare for the course material and lab assignments. Rushing to complete assignments hurts your grade, limits your comprehension and affects your ability to complete other assignments.
4. **Seek Help:** If you are stuck on an assignment, take advantage of the discussion board, email and/or office hours to receive assistance and get the chance to complete the work on time and improve your score. You can find a list of instructor and TA office hours on the CS 177 Blackboard website.

*If you are using Google or searching the Internet for the answer to an assignment, **you are looking in the wrong place**. Everything you need to complete your assignments is available in the textbooks and course materials on Blackboard.*

5. **Communicate:** The course staff have an open door policy in addition to posted office hours. We are available for advice and assistance. When you have a problem that affects your ability to perform well in the course, get in contact with the course staff and we will do what we can to help.
6. **Prepare for Exams:** Many times the only difference between the students that receive a “*great*” grade and those ending up with an “*OK*” grade is their exam scores. Homework and lab assignments help, but can only get you so far towards the best possible grade. Study and prepare to *maximize that grade*. The most successful students study the practice exams, complete the exam review assignments and avoid cramming to study in the few days prior to an exam.

Course Information Availability

All relevant course information, assignments, downloads and changes will be made available on Blackboard during the course of the semester. You should make it a habit to check with the course site regularly. In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to change based on a reduced or modified number of individual assignments.

In the case of a campus or weather emergency:

- Check Blackboard and Piazza first
- *Do not* email your instructor or teaching assistant or leave repeated voicemails
- Check your email – emergency announcements will be sent to your career account

Academic Honesty

Every student enrolled at this university is expected to behave in a highly ethical manner. Studying and preparing for class with friends is expected and encouraged, however you are expected to complete all laboratory assignments, lab projects, exams and all other assignments individually – unless explicitly assigned as a ‘group project’.

You should never submit the work of another student as your own, use the work of another student to “prepare” for your own assignments, or use a single computer file to submit multiple copies of the same work. The exchange of assignment files with another student in any manner (regardless of completion level) is also considered a violation of this academic honesty policy. This includes students who aid and abet as well as those who attempt such behavior.

If you violate the academic honesty policies of this course, you should expect to receive a failing grade. There will be no exceptions.

At the beginning of the semester, students will read the syllabus and complete an online assignment demonstrating their acceptance of the course Academic Honesty Agreement. Students will complete and submit this on Blackboard and will be strictly held to the terms of this agreement for the semester. Completion of this agreement is required for CS 177.

The work that I submit in CS 177 this semester is my own. I will not accept assistance from or provide assistance to other students. I understand that if I am found to be in violation of this honor code, I will receive a failing grade in this course, the incident will be reported to the Purdue Dean of Students and this may have a significant effect on my academic career at Purdue.

Grades and Assignment Distribution

Course grades are available to students by logging into Blackboard or meeting with the course instructor. Grades will never be distributed in class, by email or over the telephone. Your course grade will be determined by the combined weight of six components:

<u>Qty</u>	<u>Description</u>	<u>Weight</u>
9	Homework Exercises	10%
9	Lab Prep Assignments	5%
9	Labs	20%
2	Individual Projects	25%
1	Group Project	10%
3	Exams	25%
	Participation*	5%
TOTAL		100%

<u>Score</u>	<u>Grade</u>
90%	A
80%	B
70%	C
60%	D
< 60%	F

Homework Assignments (10% of semester grade)

Each week you will practice your Python coding skills by completing one or more sets of exercises corresponding to the week's lecture and lab topics. You complete these assignments using your **CodeLab** account. You are welcome to use your textbooks and notes when completing the homework assignments. To receive full credit homework must be completed by the due date – *see the assignment schedule for details*.

→ Be aware: Late homework submissions will incur a significant penalty ←

Laboratory Information and Guidelines

In addition to chapter materials, CS 177 includes lab assignments where you have a chance to practice the skills and techniques from discussed in the textbook. The lab work includes three types of assignments, **lab prep assignments**, **labs** and **projects**. The completion of this work is required to successfully pass the course.

Lab Prep Assignments (5% of semester grade)

Prepare for lab by ensuring you are up to date on homework assignments and have completed the corresponding Lab Prep assignment. Lab Preps are due by 11:59 pm on the night before your lab meeting and will account for 5% of your semester grade.

Lab Assignments (20% of semester grade)

Lab assignments are designed to teach you how to apply the information from homework, lectures and recitations and may take from 30 minutes to the full lab meeting to complete depending on their complexity and your understanding of the concepts. You are expected to complete the assignments in Python and they will be graded by your lab TA. Your first lab session will introduce you to Python, the IDLE editor and the assignment submission process.

Note that your lab assignments represent 20% of your total grade. It is important that you are careful to complete each assignment by the assigned due date. Partially completed assignments will receive partial credit, so be sure to submit your work even if it is not 100% finished. Some labs are designed to be completed on your own and some are “team” assignments – they are clearly marked as one or the other, so be sure to carefully read the directions or ask your TA if you are unsure.

Labs are due by the end of your lab meeting. Be prepared to stay for your entire lab.

→ Be aware: Late labs will incur a significant penalty ←

Projects (25% for individual and 10% for the group projects)

Several times during the semester, Projects will be assigned to challenge you in applying the skills you’re learning in lecture, recitation and lab. The dates for these projects are indicated on your schedule of assignments.

- The first of these projects are to be completed **entirely on your own**. You may not work with, help or receive help from any other students.
- The last project is a team assignment. More information about this will be available later in the semester.

Whether assigned as an individual or group, you should always strive to complete your work with a high degree of academic honesty. The course staff may be available to make sure you understand the assignment; however, they may not provide specific solutions for the actual assignment. Projects are submitted through Blackboard and are checked to verify that your work is original. **Late projects will not be accepted.**

Exams (25% of semester grade)

There will be three exams over the course of the semester. These are live coding tests designed to measure your ability to actually apply the skills and information to date. All exams will be given **on Purdue's West Lafayette campus**, in person and on the dates indicated in the schedule of assignments.

For each exam:

- Be on time – if you start or finish the exam too late you may not be allowed to submit the exam
- You **may** use your textbooks and personally written and submitted CS 177 assignments as reference during the exam.
- You **may not** use online resources, search engines, websites, written notes, other printed materials or anything written by or belonging to another person
- Exams are timed – you must submit your work by the end of your allotted time.

Participation Grade (5% of semester grade)

Over the course of the semester, we will track attendance and there will be in class exercises and/or discussion assignments on Piazza. These will be over topics from the previous or current chapters and are intended to gauge your immediate grasp of the material. Be prepared with a reliable Internet connection. You may use your books and notes on quizzes.

Class attendance (for face-to-face sections), discussion board topics, quizzes and other assignments will be used to calculate your participation grade.

Additional Class Information:

If you miss or forget an assignment, quiz or exam, then you will receive a zero unless specific arrangements are made in advance with the instructor. Each class assignment has something to offer you and is designed to present specific information and learning applications. The college experience prepares you for future employment where poor attendance is not tolerated. It will also not be tolerated here.

Absences

Except in the rarest of circumstances, no make-up work will be accepted. If you have documentation of a valid absence or serious hardship then you should bring it to your instructor's office hours as soon as possible. If you know of an upcoming absence, you should meet with the instructor a minimum of two weeks prior to the event to make arrangements. The University policies on absence and absence reporting is available on-line <http://www.purdue.edu/ODOS/services/classabsence.htm>

Right of Revision:

NOTE: This syllabus and the information contained are not a contract. They are meant to be informational and may be subject to change if necessary.