

Computer Science 101

Instructor: Rajinder (Raj) Mavi,

- Office: Todd Wehr 209,
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Class coordinates: at Todd Wehr 204.

Section 1:

Tuesday	8:00 am – 9:55 am
Thursday	10:10 am – 12:05 pm

Section 2:

Tuesday	2:10 pm – 4:00 pm
Thursday	2:10 pm – 4:00 pm

Office Hours:

Monday	2:00 pm – 4:00 pm
Tuesday	11:00 am – 12:00 pm
Wednesday	11:00 am – 12:00 pm

at Todd Wehr 209.

Or, if these times do not work for you, please request an appointment.

Textbook: **Python Programming, Third edition, for the absolute beginner.** Michael Dawson. Cengage Learning. ISBN: 978-1-4354-5500-9.

- ★ We will program in class, so I suggest you bring your text every day.
- ★ Scripts can be found at: http://www.delmarlearning.com/companions/content/1435455002/downloads/py3e_source.zip

Course Objectives:

1. Learn fundamental programming methods and practices.
2. Use and Manipulation of Strings and Loops etc.
3. Data Structures, EG Lists.
4. Definition and use of functions.
5. Object oriented programming.
6. Use of GUI, Sound, and Animation.

Grading: The following are cutoffs for grades, the cutoffs may be lowered but will not be raised,

A	90 – 100%
B	80 – 89%
C	70 – 79%
D	60 – 69%
F	< 60%

The final grade is broken down into the following categories

1. The Homework is worth 45%.
2. Quizzes are worth 10 %.
3. Classwork is worth 15 %.
4. There are three (non-cumulative) Exams worth 10% each.

Classwork: We will spend much of the class time programming, and the programs we write will be the majority of the grade. Much of the programming will be carried out as homework, but there will be frequently be assignments carried out in class, to be turned in at the end of class.

Edfinity: There will be an online component to the homework you will complete at edfinity.com. The goal of this homework is to reinforce some aspects of class that you may overlook in the process of ‘cooking up a program’.

Homework: Most of the homework will involve designing and implementing computer programs (scripts). The view I take of this course is that success is measured in ability to apply the methods and learning of the course, thus, assessment of your abilities is mostly in terms of your ability to create working programs.

Academic Integrity: The college's policies for Academic integrity are laid out in the Course Catalog. The goal of the course is to develop the students' skills of analysis, understanding, inquiry, and communication.

For that development to occur, each individual must use his or her own resources; each must develop his or her own talents in cooperation with others; each must be honest with him or herself as well as with others in assessing and presenting the skills that have been developed and the information that has been accumulated. Only in this way will the maximum growth in ability occur, and only in this way will a true community of learning flourish. Practicing, condoning, or even ignoring academic dishonesty must result from a radical misunderstanding of or disagreement with the very nature of the academic community at Ripon College. Academic dishonesty frustrates the growth, undermines the development, mocks the community, and thwarts the advancement of learning.

Therefore, academic dishonesty will not be tolerated. Although you are encouraged to collaborate with classmates and seek help, presenting others' work as your own is taken very seriously. When in doubt, cite your sources of information and persons you collaborated/discussed with.

Extra Help: Do not hesitate to come to my office during office hours or by appointment to discuss a homework problem or any aspect of the course.

Attendance Policy: You are expected to attend classes regularly, class activities are integral to learning and are not replaceable by out-of-class work. If you will be absent **for any reason**, I ask that you notify me as early as possible.