

The midterm exam

The midterm will be taken online during the original class meeting period on Tuesday, October 15th. The exam will begin promptly at 5:45 pm, and you have until 7:30pm to complete the midterm exam. Submissions will be made to the D2L site, and no late submissions will be considered for any reason.

The midterm is cumulative. It will include everything covered in class, on the assignments, on the labs, and on the readings. I strongly recommend that you re-read the relevant sections of the book which are Chapters 7, 8, and 9 and make sure that you know how to solve all the previous homework and lab problems. The material from the earlier part of the book (Chapters 1 through 6) are also assumed for the exam even though they were not explicitly assigned in this class. Dictionaries, Reading/Writing to files, along with any 241 topics are fair game. There will be two problems on the exam. Both problems will involve topics related to classes. The two problems will be independent of each other.

For the exam, you will be allowed to bring 10 double sided pages of notes. You may not use any other online or written materials. You are allowed to use the IDLE editor and the Python shell during the exam. I may request access to see your desktop randomly.

You may not communicate with anyone other than Anthony Zoko during the exam. Any communication of any form with a person other than Mr. Zoko during the midterm exam will be an immediate 0 on the exam.

Core Topics:

- Classes
 - Methods, Instance Variables, Operators etc.
- Class Invariants
- Inheritance
 - “Is” Relationships
 - Overriding Methods
 - Calling methods in Super classes
 - Utilizing common operators
- Collections
 - Encapsulation
 - Preventing access to internal data
 - “Using” Relationships