Course Mechanics

Outline

`https://www.swamiiyer.net/cs110/`

Website

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What's on the Site?
- Announcements (landing page)
- Course Info
- Calendar
- Lecture Material
- Projects
- Resources

Goal

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Attain proficiency in the design and implementation of Python programs of significant size and complexity

Prerequisites

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Math 140 (Calculus I) credits or placement

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Math 130 (Precalculus) with a B or higher in the previous semester

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Permission of the instructor

Name: Swami Iyer

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Contact Information:
- Office: M-3-201-14
- Email: `siyer@cs.umb.edu`

Name: Swami Iyer

Contact Information:
- Office: M-3-201-14
- Email: `siyer@cs.umb.edu`

Office Hours:
- Tue Thu 9:45 AM – 10:45 AM and 2:45 PM – 3:45 PM (in-person)
- Wed 10:00 AM – 12:00 PM (remote)

Sessions
Class

Section	When	Where
1 − 8	Tue Thu 11:00 AM − 12:15 PM	Y-2-2300

Sessions

Class

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Discussion

Section	When	Where
1	Tue 9:30 AM − 10:45 AM	W-1-0041
2	Thu 9:30 AM − 10:45 AM	M-2-0417
3	Tue 12:30 PM − 1:45 PM	W-1-0043
4	Thu 12:30 PM − 1:45 PM	W-1-0019
5	Tue 9:30 AM − 10:45 AM	M-2-0419
6	Thu 9:30 AM − 10:45 AM	M-2-0419
7	Tue 12:30 PM − 1:45 PM	W-1-0042
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Supplemental Instruction (SI): details to be determined

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Tutoring: available through Subject Tutoring Program

Text
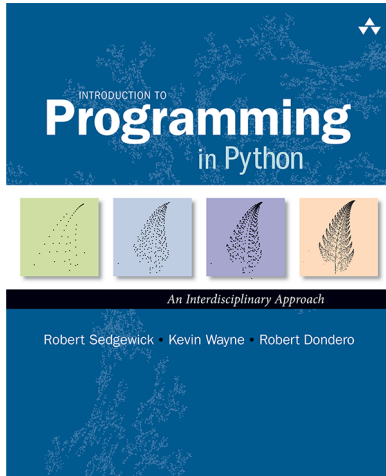
INTRODUCTION TO

Programming
in Python

An Interdisciplinary Approach

Robert Sedgewick • Kevin Wayne • Robert Dondero

Grading

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Assessment	% of Final Grade
Projects (best 5 out of 6)	25
Exams (1 and 2)	70
Participation	5

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If both exam scores $\geq 80\%$, the higher score will be the exam average

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Up to 5% extra points for attending and participating in SI sessions

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If overall score is within 0.5% of a higher grade, it will be elevated to that grade

Software

Piazza (Q&A)

Software

Piazza (Q&A)

Gradescope (grading)

Software

Piazza (Q&A)

Gradescope (grading)

Programming environment (projects)

Software

Piazza (Q&A)

Gradescope (grading)

Programming environment (projects)

Zoom (remote office hours)

Policies

Policies

Classroom

Policies

Classroom

Piazza

Policies

Classroom

Piazza

Collaboration

	Course Staff	CS110 Grads	Classmates	Others
Discuss concepts with	✓	✓	✓	✓
Acknowledge collaboration with	✓	✓	✓	✓
Expose your code/work to	✓	✓	✗	✗
View code/work of	✗	✗	✗	✗
Copy code/work from	✗	✗	✗	✗

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Academic Honesty

Classroom

Piazza

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Copy code/work from	✗	✗	✗	✗

Academic Honesty

Accommodations for students with disabilities

Qualities for Success

Qualities needed to succeed in this course and as a programmer in general[†]:

- Curiosity
- Resourcefulness
- Persistence
- Excitement
- Patience
- Concentration
- Independence
- Focus
- Creativity
- Meticulousness

† Taken from the *10 Signs You Will Suck at Programming* ⌇ by Jonathan Bluks

Immediate Action Items

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Sign up for CS account

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Sign up for Piazza

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Sign up for CS account

Sign up for Piazza

Sign up for Gradescope

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Setup the programming environment

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Fill out the questionnaire available on Gradescope

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Complete the SI poll