

Course Mechanics

Outline

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- 3 Prerequisites
- 4 Instructor
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Website

<https://www.swamiiyer.net/cs110/>

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

What's on the Site?

- Announcements (landing page)
- Course Info
- Calendar
- Lecture Material
- Projects
- Resources

Goal

Goal

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

Instructor

Name: Swami Iyer

Instructor

Name: Swami Iyer

Contact Information:

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

Instructor

Name: Swami Iyer

Contact Information:

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

Office Hours:

- Tue Thu 10:00 AM – Noon (in-person)
- Wed 10:00 AM – Noon (remote)

Sessions

Class

| Section | When | Where |
|---------|----------------------------|----------|
| 1 – 4 | Tue Thu 12:30 PM – 1:45 PM | Y-2-2310 |

Sessions

Class

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Discussion

| Section | When | Where |
|---------|-------------------------|----------|
| 1 | Tue 11:00 AM – 12:15 PM | M-2-0205 |
| 2 | Thu 11:00 AM – 12:15 PM | M-2-0205 |
| 3 | Tue 2:00 PM – 3:15 PM | M-1-0617 |
| 4 | Thu 2:00 PM – 3:15 PM | W-1-0012 |

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Supplemental Instruction (SI): details to be determined

Sessions

Class

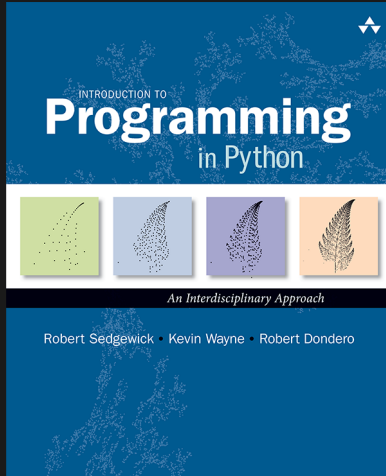
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Supplemental Instruction (SI): details to be determined

Tutoring: available through Subject Tutoring Program



Grading

| Assessment | % of Final Grade |
|----------------------------|------------------|
| Projects (best 5 out of 6) | 30 |
| Exams (1 and 2) | 70 |

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Project: programming exercises/problems and report

Exam: written and programming components

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If both exam scores $\geq 75\%$, the higher score will be the exam average

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Up to 3% extra points for attending and participating in SI sessions

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Up to $0.01x\%$ extra points if $x\%$ of the class completes the end-of-semester course evaluation

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Up to $0.01x\%$ extra points if $x\%$ of the class completes the end-of-semester course evaluation

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 (virtual machine or native)

Software

Piazza (Q&A)

Gradescope (grading)

Programming environment (virtual machine or native)

Zoom (remote office hours)

Policies

Face covering

Policies

Face covering

Classroom

Policies

Face covering

Classroom

Piazza

Policies

Face covering

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 | ✗ | ✗ | ✗ | ✗ |

Policies

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Academic Honesty

Policies

Face covering

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Piazza

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Academic Honesty

Accommodations for students with disabilities

Qualities for Success



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

Immediate Action Items

Sign up for CS account

Sign up for Piazza

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Setup the programming environment

Immediate Action Items

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Sign up for Gradescope

Setup the programming environment

Fill out the questionnaire available on Gradescope

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Complete the SI poll