

## Course Mechanics

## Outline

- 1 Website
- 2 Goal
- 3 Prerequisites
- 4 Instructor
- 5 Sessions
- 6 Text
- 7 Grading
- 8 Software
- 9 Policies
- 10 Qualities for Success
- 11 Immediate Action Items



**Website**

URL:

## Website

URL: <https://www.swamiiyer.net/cs210/>

## Website

URL: `https://www.swamiiyer.net/cs210/`

What's on the Site?

## Website

URL: `https://www.swamiiyer.net/cs210/`

What's on the Site?

↪ Announcements (landing page)

## Website

URL: `https://www.swamiiyer.net/cs210/`

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URL: `https://www.swamiiyer.net/cs210/`

What's on the Site?

- ↪ Announcements (landing page)
- ↪ Course Info
- ↪ Calendar

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URL: <https://www.swamiiyer.net/cs210/>

What's on the Site?

- ↪ Announcements (landing page)
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- ↪ Calendar
- ↪ Lecture Material

## Website

URL: <https://www.swamiiyer.net/cs210/>

What's on the Site?

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

## Website

URL: <https://www.swamiiyer.net/cs210/>

What's on the Site?

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

## Goal

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Survey the most important algorithms and data structures that are in use today

## Prerequisites

## Prerequisites

CS110 (Introduction to Computing)



## Prerequisites

CS110 (Introduction to Computing) *or*

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CS110 (Introduction to Computing) *or*

Permission of the instructor



**Instructor**

Name:

**Instructor**

Name: Swami Iyer

## Instructor

Name: Swami Iyer

Contact Information:

## Instructor

Name: Swami Iyer

Contact Information: `siyer@cs.umb.edu`

## Instructor

Name: Swami Iyer

Contact Information: `siyer@cs.umb.edu`

Office Hours:



## Instructor

Name: Swami Iyer

Contact Information: `siyer@cs.umb.edu`

Office Hours:

~> Tue Thu 9:30 AM – 10:45 AM and 2:30 PM – 3:45 PM

~> Wed 10:00 AM – Noon

## Sessions

## Sessions

Class:

## Sessions

Class:

| Section | When                       | Where  |
|---------|----------------------------|--------|
| 1, 3, 4 | Tue Thu 12:30 PM – 1:45 PM | Remote |

## Sessions

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| Section | When                       | Where  |
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Discussion:

## Sessions

Class:

| Section | When                       | Where  |
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| 1, 3, 4 | Tue Thu 12:30 PM – 1:45 PM | Remote |

Discussion:

| Section | When                    | Where  |
|---------|-------------------------|--------|
| 1       | Tue 11:00 AM – 12:15 PM | Remote |
| 3 & 4   | Tue 2:00 PM – 3:15 PM   | Remote |

## Sessions

Class:

| Section | When                       | Where  |
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Discussion:

| Section | When                    | Where  |
|---------|-------------------------|--------|
| 1       | Tue 11:00 AM – 12:15 PM | Remote |
| 3 & 4   | Tue 2:00 PM – 3:15 PM   | Remote |

Supplemental Instruction (SI):

## Sessions

Class:

| Section | When                       | Where  |
|---------|----------------------------|--------|
| 1, 3, 4 | Tue Thu 12:30 PM – 1:45 PM | Remote |

Discussion:

| Section | When                    | Where  |
|---------|-------------------------|--------|
| 1       | Tue 11:00 AM – 12:15 PM | Remote |
| 3 & 4   | Tue 2:00 PM – 3:15 PM   | Remote |

Supplemental Instruction (SI): Details to be determined



## Sessions

Class:

| Section | When                       | Where  |
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Discussion:

| Section | When                    | Where  |
|---------|-------------------------|--------|
| 1       | Tue 11:00 AM – 12:15 PM | Remote |
| 3 & 4   | Tue 2:00 PM – 3:15 PM   | Remote |

Supplemental Instruction (SI): Details to be determined

Tutoring:

## Sessions

Class:

| Section | When                       | Where  |
|---------|----------------------------|--------|
| 1, 3, 4 | Tue Thu 12:30 PM – 1:45 PM | Remote |

Discussion:

| Section | When                    | Where  |
|---------|-------------------------|--------|
| 1       | Tue 11:00 AM – 12:15 PM | Remote |
| 3 & 4   | Tue 2:00 PM – 3:15 PM   | Remote |

Supplemental Instruction (SI): Details to be determined

Tutoring: Available through Math Resource Center

Text



## Grading

## Grading

Assessments:

## Grading

Assessments:

| Name                         | % of Final Grade |
|------------------------------|------------------|
| Projects (best 5 of 6)       | 35               |
| Exams (best 2 of 3)          | 60               |
| Attendance and participation | 5                |

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| Name                         | % of Final Grade |
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Scale:



## Grading

Assessments:

| Name                         | % of Final Grade |
|------------------------------|------------------|
| Projects (best 5 of 6)       | 35               |
| Exams (best 2 of 3)          | 60               |
| Attendance and participation | 5                |

Scale:

| % Score   | Grade |
|-----------|-------|
| [93, 100] | A     |
| [90, 93)  | A-    |
| [87, 90)  | B+    |
| [83, 87)  | B     |
| [80, 83)  | B-    |
| [77, 80)  | C+    |
| [73, 77)  | C     |
| [70, 73)  | C-    |
| [67, 70)  | D+    |
| [63, 67)  | D     |
| [60, 63)  | D-    |
| [0, 60)   | F     |



## Software

Zoom (lectures, discussions, SI sessions, and office hours)

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Zoom (lectures, discussions, SI sessions, and office hours)

Estalee (attendance)

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Zoom (lectures, discussions, SI sessions, and office hours)

Estalee (attendance)

Piazza (Q&A)

## Software

Zoom (lectures, discussions, SI sessions, and office hours)

Estalee (attendance)

Piazza (Q&A)

Gradescope (grading)

## Software

Zoom (lectures, discussions, SI sessions, and office hours)

Estalee (attendance)

Piazza (Q&A)

Gradescope (grading)

Linux-based virtual machine (programming environment)





## Policies

Classroom (Zoom)

## Policies

Classroom (Zoom)

Piazza

## Policies

Classroom (Zoom)

Piazza

Collaboration

## Policies

Classroom (Zoom)

Piazza

Collaboration

Academic Honesty

## Policies

Classroom (Zoom)

Piazza

Collaboration

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<sup>1</sup>:

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<sup>1</sup>Taken from the article *10 Signs You Will Suck at Programming* [↗](#) by Jonathan Bluks

## Qualities for Success

Qualities needed to succeed in this course and as a programmer in general<sup>1</sup>:

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

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<sup>1</sup>Taken from the article *10 Signs You Will Suck at Programming* ↗ by Jonathan Bluks



Immediate Action Items

# Immediate Action Items

Sign up for Estalee

## Immediate Action Items

Sign up for Estalee

Sign up for Piazza

## Immediate Action Items

Sign up for Estalee

Sign up for Piazza

Sign up for Gradescope

## Immediate Action Items

Sign up for Estalee

Sign up for Piazza

Sign up for Gradescope

Sign up for CS account

## Immediate Action Items

Sign up for Estalee

Sign up for Piazza

Sign up for Gradescope

Sign up for CS account

Setup the linux-based virtual machine on your computer

## Immediate Action Items

Sign up for Estalee

Sign up for Piazza

Sign up for Gradescope

Sign up for CS account

Setup the linux-based virtual machine on your computer

Fill out the questionnaire available on Gradescope