CSE 232
INTRODUCTION TO PROGRAMMING II
SUMMER SESSION

DR. ANIK MOMTAZ

MICHIGAN STATE UNIVERSITY

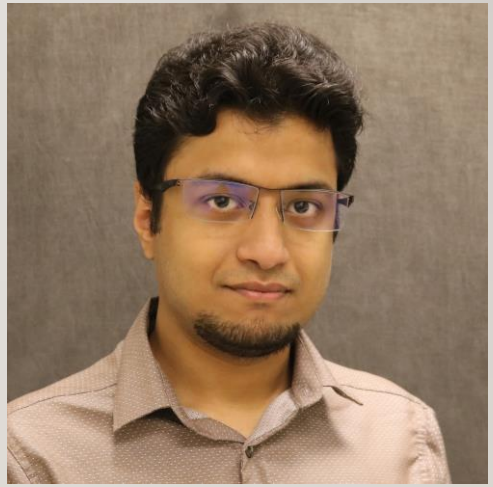
COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INTRODUCTION

- Course Instructor

  - Dr. Anik Momtaz
  - PhD in Computer Science and Engineering @MSU
    - Cyber-Physical Systems and Runtime Verification
  - Teaching History @MSU
    - CSE 335 - Object-Oriented Software Development



INTRODUCTION

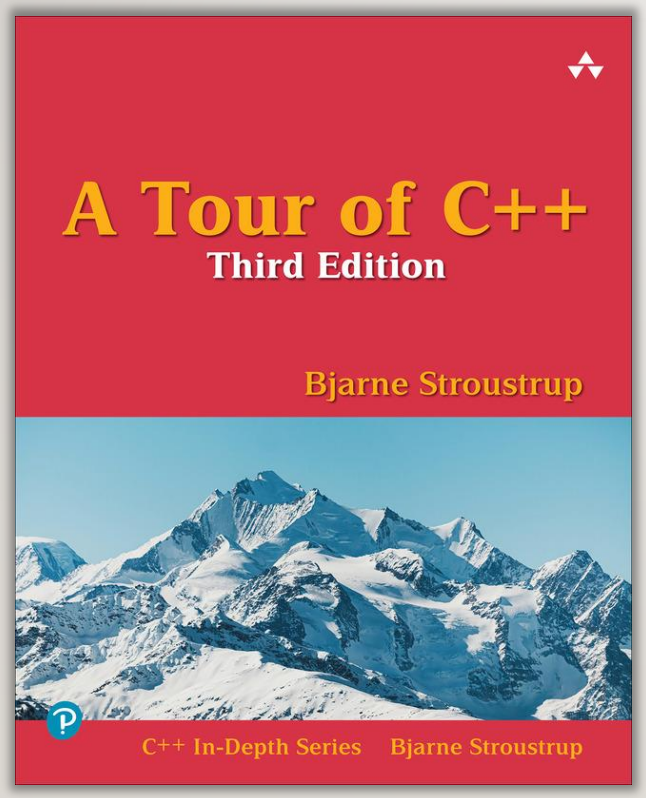
- Course Description

  - Build programs from modules.
  - Use data abstractions and classes to implement abstract data types.
  - Make use of static and dynamic memory.
  - Use data structure implementations and algorithms efficiency.
  - Write programs utilizing lists, tables, stacks, queues, and templates.

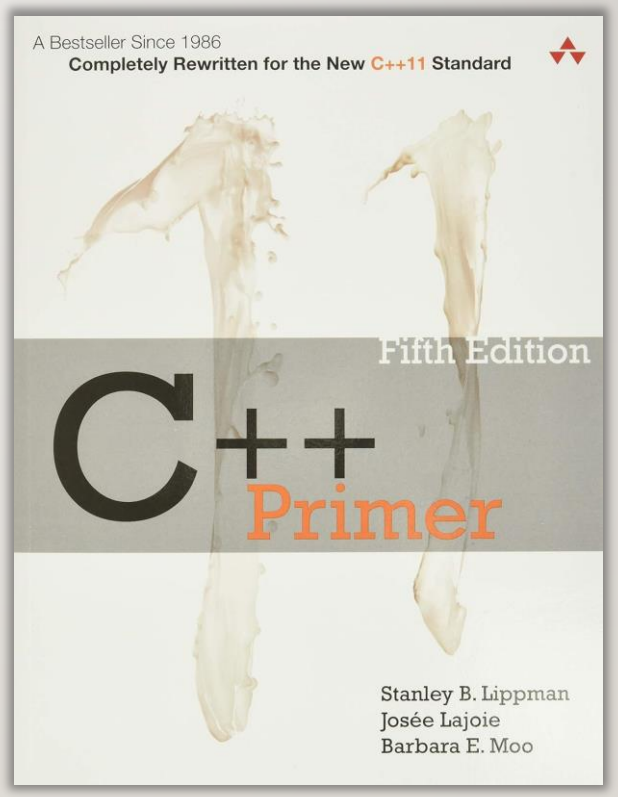
INTRODUCTION

- Course Expectations
  - Prior experience in programming.
  - Time availability.

TEXTBOOKS



Required



Supplemental

ASYNCHRONOUS LEARNING

- Course Website
  - https://cse232msu.github.io/
    - Course syllabus
    - Weekly lectures (pre-recorded videos by Dr. Josh Nahum)
    - Course schedules
    - Useful links
    - Guides
    - …and much more!

ASYNCHRONOUS LEARNING

- Ed Discussion
  - https://edstem.org/
    - Primary mode of communication
    - Best place to ask questions about the course
    - Monitored throughout the day by course staff
    - Faster response than emails

ASYNCHRONOUS LEARNING

- Zoom
  - https://msu.zoom.us/j/97204068191/ (Passcode: 250641)
    - Private one-on-one assistance will be provided through help rooms over Zoom.
    - Attendees will be placed in individual breakout rooms, and assisted on a first-come basis.
    - Course staff will join your breakout room when it is your turn.

ASYNCHRONOUS LEARNING

- D2L
  - https://d2l.msu.edu/
    - Assignments
    - Flash quizzes
    - Exams

COURSE SCHEDULE

	Due Monday	Due Tuesday	Due Thursday	Due Friday
Week 1				Assignment 0
Week 2	Assignment 1	Flash Quiz 1	Assignment 2	Flash Quiz 2
Week 3	Assignment 3	Flash Quiz 3	Exam 1	
Week 4	Assignment 4	Flash Quiz 4	Assignment 5	Flash Quiz 5
Week 5	Assignment 6	Flash Quiz 6	Exam 2	
Week 6	Assignment 7	Flash Quiz 7	Assignment 8	Flash Quiz 8
Week 7	Assignment 9	Flash Quiz 9	Final Exam	

GRADING

- Grading categories, and their contributions to the final grade:

Category	Contributions
Assignments	20%
Flash Quizzes	10%
Exam 1	20%
Exam 2	20%
Final Exam	30%

GRADING

- Final grade scale:

Grade	GPA
90-100	4.0
85-89	3.5
80-84	3.0
75-79	2.5
70-74	2.0
65-69	1.5
60-64	1.0
0-59	0.0

ACADEMIC HONESTY

- Zero-tolerance policy for plagiarism.
  - Your assignments should be your own work.
  - Do not use code implemented by someone else without attributing credit.
  - If a student allows (intentionally or otherwise) their work to be copied or used by another student, both will be equally penalized.
- Adhere to the exam policies.
- Do not write code that deceptively passes the test cases.
- Do not distribute any course content without the instructor's permission.

ACCOMMODATIONS

- Grief Absence Policy
- Resource Center for Persons with Disabilities
  - RCPD forms should be sent within the first two weeks of the semester.
- Religious Observances

LET'S BEGIN!