

CSE 232

INTRODUCTION TO PROGRAMMING II

SUMMER, 2024

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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

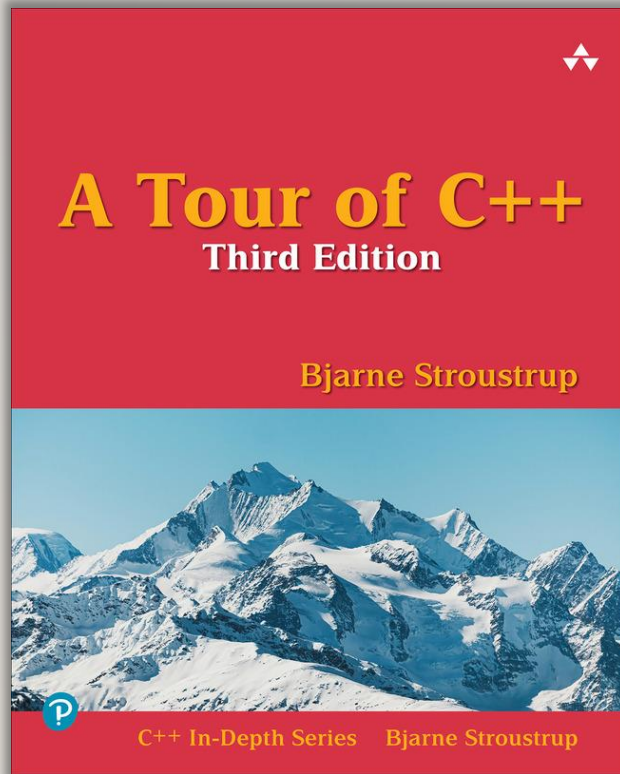
- Course Description
 - Build programs from **modules**.
 - Use **data abstractions** and **classes** to implement **abstract data types**.
 - Make use of **static** and **dynamic** memory.
 - Use **data structure** implementations and algorithms efficiency.
 - Write programs utilizing **lists**, **tables**,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

INTRODUCTION

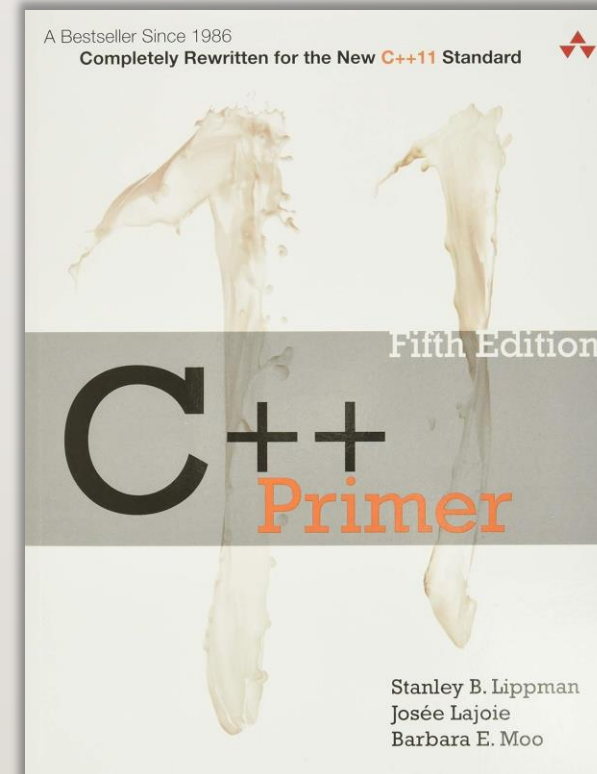
- Course Expectations
 - Prior experience in programming.
 - Time availability.



TEXTBOOKS



Required



Supplemental

ASYNCHRONOUS LEARNING

- Course Website
 - <https://cse232summer-msu.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!

