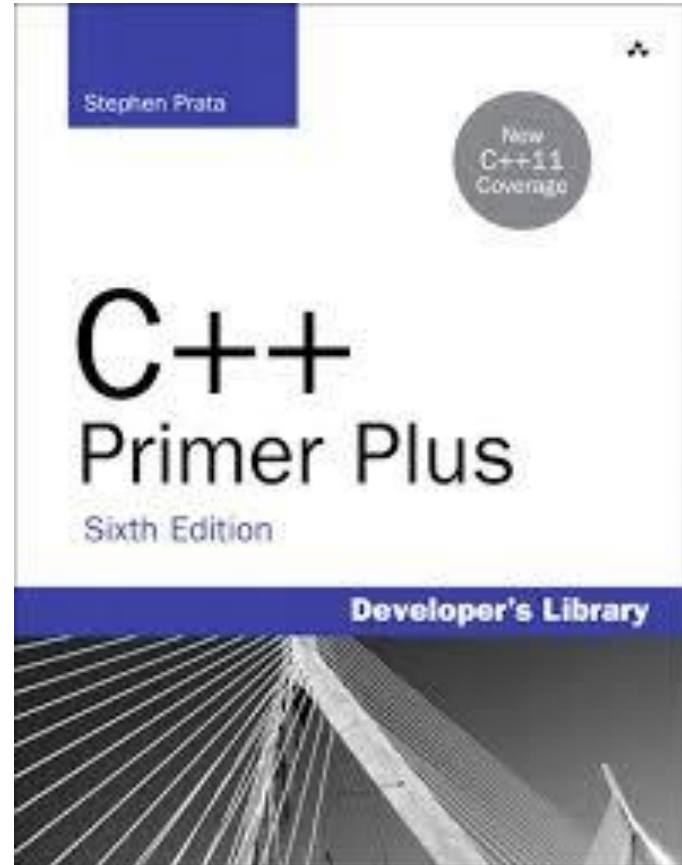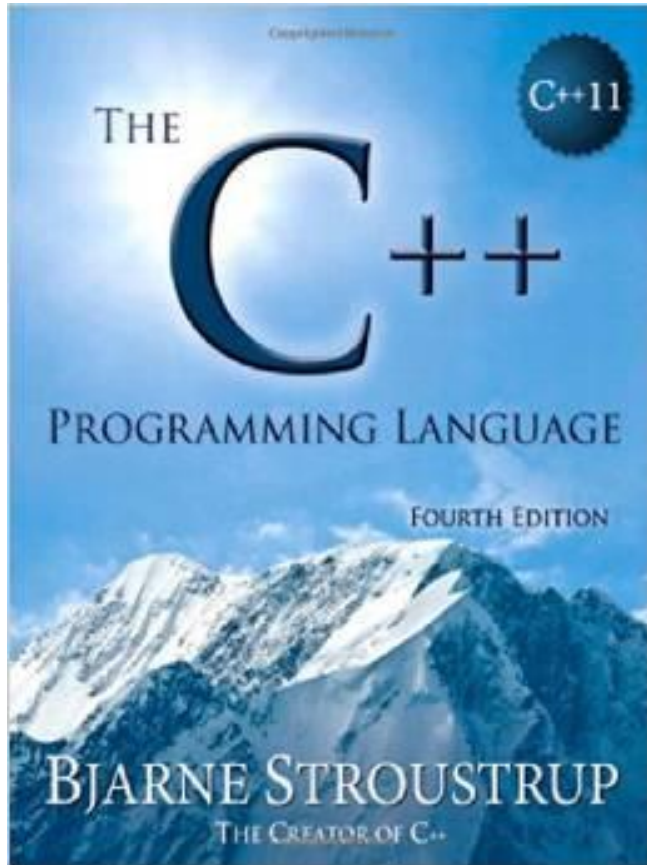# CS 2133
Computer Science 2

Course Information

- This course addresses several topics, including: data abstraction, use of a variety of data structures, recursion, and basic software design.

- A brief introduction to program correctness, verification, and testing is included.

- Programming language: C++

- OS: Windows / Linux (recommended)

Units

- Unit 1: Class, Data Abstraction
- Unit 2: Abstract Data Type
- Unit 3: Dynamic Memory
- Unit 4: Linked lists
- Unit 5-6: Stack, Queues, Heap
- Unit 7: Recursion
- Unit 8: Binary Files
- Preparation for examinations

Textbooks

- And, other online materials

Course Requirements & Grading

	Percent of Final Grade	**Requirements**
Homework		• Periodic assignments
Mid-term exam.	**20 %**	
Final exam.	**50 %**	
Practice test	**30 %**	

Your Teaching Team

Ngô Đức Thành, Ph.D.
Lecturer at UIT-VNUHCM
Research field: Multimedia Analysis, Computer Vision
US-VNUHCM, NII, SOKENDAI (Japan)
E-mail: thanhnd@uit.edu.vn

Cáp Phạm Đình Thăng, Ph.D. Student
Lecturer at UIT-VNUHCM
Research field: Computer Vision
UIT-VNUHCM, NII
E-mail: thangcpd@uit.edu.vn

Communication, Discussion, Q&A

- ***Moodle and e-mail*** will be used to communicate with students and disseminate materials and assignments throughout the course. You are expected to check Moodle and your e-mail frequently.

- Please post your ***questions on Moodle***.

- If you think your question should not be read by others, please feel free to send e-mail to your instructor or TA(s). When sending e-mail, use ***prefix [AEP-CS2]*** at the beginning of the subject.

- Emergency case, please call 113.

    (or my mobile, 0918145729, if it is about our course ☺).

Notes

- Practice as much as possible, please code code code and code …

- If there is error, ask by posting to the moodle or e-mail (who know how to fix it ☺)

- Comments are always welcome, please feel free to give me yours comments.