

Operating Systems

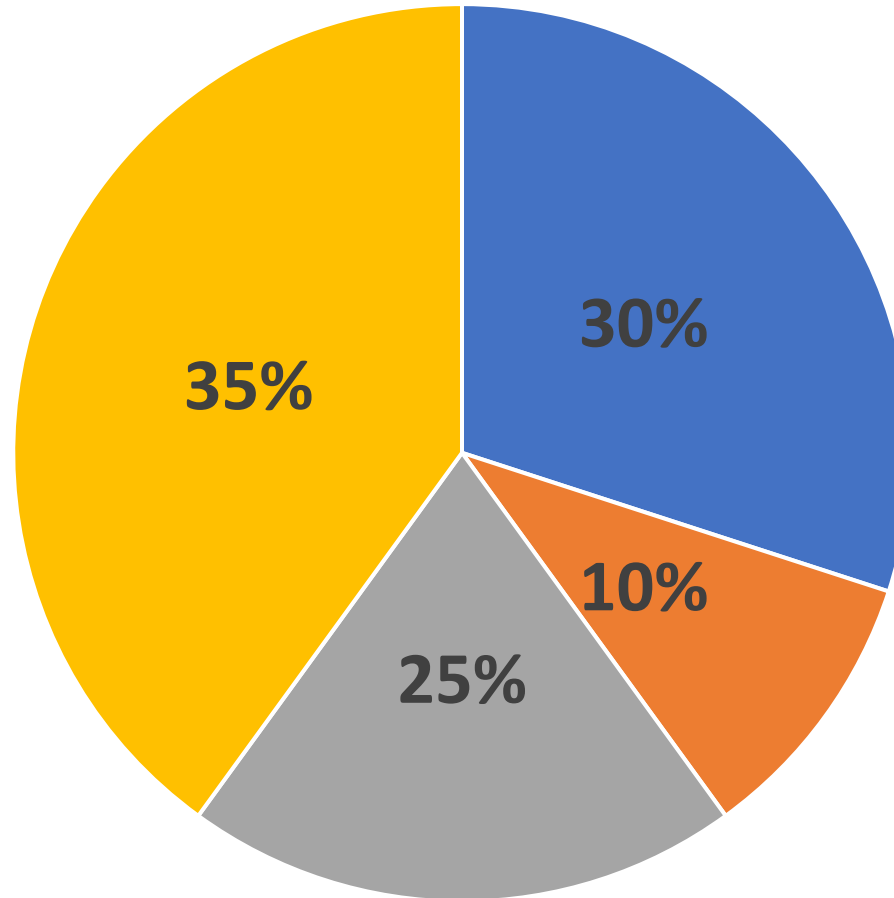
Introduction

Course Information



- Class: 22CLC03 / 22CLC05
- Classroom: I42 / I91
- Schedule: Thursdays / Fridays, 7:30–11:10
- Duration: January 8 to April 13, 2024 // (Tet holiday : Jan 29 - Feb 17)
- Midterm test: March 4-9, 2024
- Final test: April 22 – May 4, 2024
- Teacher: Thai Hung Van (thvan@fit.hcmus.edu.vn)
- Teaching assistant: Đặng Trần Minh Hậu (dtmhau@fitus.edu.vn)
- Lab teachers: Thai Hung Van
- Website (Moodle): <https://courses.ctda.hcmus.edu.vn/>

Grading



■ Lab ■ Class-work (quiz / exercises on theory sessions) ■ Mid-term test ■ Final test

* Bonus: 20% (advanced exercises / projects)

Class Requirements

1. Students are required to attend the class more than 70% number of sessions (≥ 8 sessions).
2. To be on time and actively participate in class activities.
3. Try to complete the exercises and quizzes during the course.
4. Only use your laptop for the course-related purposes.
5. Keep your phone in silent mode. Don't sleep, if you sit in the first row (in theory sessions)

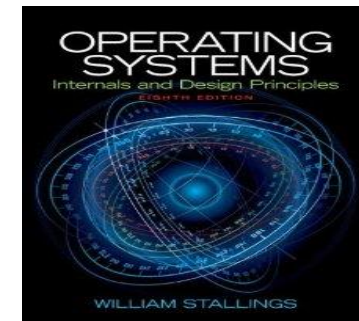
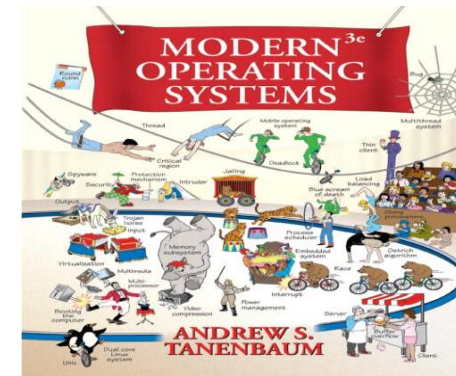
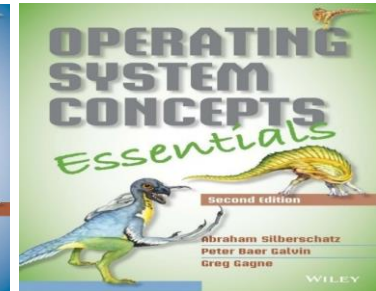
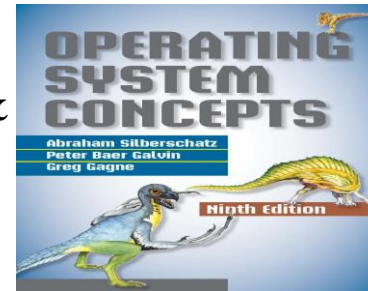
Course Contents



[ref: Syllabus]

References

- Operating Systems Concepts - 10th Edition - A. Silberschatz, P. B. Galvin & G. Gagne - John Wiley & Sons, 2018. <http://codex.cs.yale.edu/avi/os-book/>
- Modern Operating Systems – 4th Edition - Andrew S. Tanenbaum - Pearson, 2015. http://www.pearsonhighered.com/educator/academic/product/0,,0136006639,00%2ben-USS_01DBC.html
- Operating Systems: Internals and Design Principles - 4th Edition - W. Stallings - Prentice-Hall, 2000. <http://williamstallings.com/OperatingSystems/>



Check the general knowledge about OS

- What is the OS?
- How important is the OS in our lives?
- What is the difference between OS and other software?
- List some OS types
- List the names of the most popular OSes
(most popular OS in 2009-2021: <https://www.youtube.com/watch?v=7S9PBgS8HS8>)
- List major applications you can do if you have OS knowledge
- What are the major parts of an OS?
- How to install multiple OSes on one PC?
- What is a virtual machine?
- How to create a virtual machine and install the OS into it?

