Syllabus

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Syllabus

Discussion Topic

CSCI 340 "Operating Systems"
Summer 2025
by Pavel Shostak

Classes: Mondays, Tuesday, Wednesday Thursday 9:50am - 11:24am
in the room C106 (North building)

Textbook: "Operating system concepts" by Abraham Silberschatz, Peter Baer Galvin, Greg Gagne.

ISBN : 978-1-118-06333-0
ISBN BRV: 978-1-118-12938-8

There's a few editions of this book available. All of them are pretty much the same as far as I know.

Office hours: Mondays, Tuesday, Wednesday Thursday 1:30pm - 2:00pm
in the room 523D (North building)

The Slack channel can be used to ask questions. I will ignore email communications. Again, use Slack to write to me.
Slack communications must use students official first and last names.
Here is a Slack invitation link: https://join.slack.com/t/cs-office-hours/shared_invite/zt-33bme96r7-Q7Qw3MB_n_SmZZGBqHeEGQ

Grades: Grades will be based on multiple pop-up quizzes and one home project.

The home project contributes to 15% of your grade. Late home projects will not be accepted. No collaboration is allowed on home projects. I can ask questions about your home project (or related to it). A failure to answer any of these questions will lead to a severe semester penalty and 0 points for the home project itself. Home projects should be submitted ONLY in the way specified in the assignment.

Home projects are for home work only. You are not allowed to work on your home projects anywhere in CUNY. Use remote connection to check your project on Linux Lab computers. The only time your work can appear in public in Hunter is when you bring it to me for a review. Breaking this rule leads to 0 points for the project and heavy semester penalty.
You are not allowed to upload your project anywhere on the Internet, except the place explicitly allowed in the assignment. It means, you are NOT allowed to store your work in places like Github (not even in private repositories). Make backup copies of your work on your own external storage devices. You are fully responsible for protecting your work from stealing.

Stealing other people's work is considered an especially heavy crime. The Office of Student Conduct suggests expulsion from college and note on transcript to be a penalty for such stealing. I fully uphold this suggestion.

Pop-up quizzes are worth 85% of your grade. Pop-up quizzes are not announced in advance. There's no bathroom breaks during quizzes. No latecomers can take quiz after it has been handled out.

There will be no "extra credit" assignments. There will be no chance to pull up your grade by doing additional work. All grades are assigned following the same criteria.

Course follows Hunter policies on Academic Integrity:

"Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures."

ADA compliance:

In compliance with the ADA and with Section 504 of the Rehabilitation Act, Hunter College is committed to ensuring educational access and accommodations for all its registered students.

Hunter College's students with disabilities and medical conditions are encouraged to register with the Office of AccessABILITY for assistance and accommodation. For information and appointment contact the Office of AccessABILITY located in Room E1214 or call (212) 772-4857 /or TTY (212) 650-3230.

Hunter College Policy on Sexual Misconduct

"In compliance with the CUNY Policy on Sexual Misconduct, Hunter College reaffirms the prohibition of any sexual misconduct, which includes sexual violence, sexual harassment, and gender-based harassment retaliation against students, employees, or visitors, as well as certain intimate relationships. Students who have experienced any form of sexual violence on or off campus (including CUNY-sponsored trips and events) are entitled to the rights outlined in the Bill of Rights for Hunter College.

a. Sexual Violence: Students are strongly encouraged to immediately report the incident by calling 911, contacting NYPD Special Victims Division Hotline (646-610-7272) or their local police precinct, or contacting the College's Public Safety Office (212-772-4444).

b. All Other Forms of Sexual Misconduct: Students are also encouraged to contact the College's Title IX Campus Coordinator, Dean John Rose (jtrose@hunter.cuny.edu or 212-650-3262) or Colleen Barry (colleen.barry@hunter.cuny.edu or 212-772-4534) and seek complimentary services through the Counseling and Wellness Services Office, Hunter East 1123.

CUNY Policy on Sexual Misconduct Link:
http://www.cuny.edu/about/administration/offices/la/Policy-on-Sexual-Misconduct-12-1-14-with-links.pdf

Topics to be covered:

- Introduction (Chapter 1)
- Operating system structures (Chapter 2)
- Process management (chapter 3 – 6)
- Memory management (chapter 8 – 9)
- * Virtual Memory
- * Storage management (chapter 10–11)
- * I/O system (chapter 13)

* if there is enough time