

Operating Systems

Course Information

Instructor: Kartik Gopalan

Class website: <https://oscourse.github.io>

Email: oscourse@binghamton.edu

Coverage of Topics

- Processes and Threads
- Concurrency
- Memory Management
- File and Storage Systems
- Input/Output
- Security
- Virtualization
- Basics of Programming in the Linux Kernel
- Other topics as appropriate

Course Material

- Lecture slides and papers posted on the class website
- Recommended textbook (not required):
 - Andrew Tanenbaum, Modern Operating Systems, 4th edition
- Website will also have office hours, test dates, assignments, test samples etc.

Resources you need

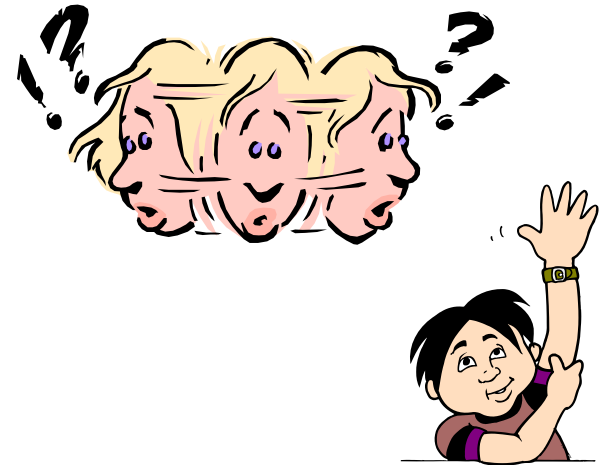
- CS LDAP Account
 - To log into machines in G-7, Q-22, and remote.cs.binghamton.edu
- BU Email account
 - <yourid>@binghamton.edu
 - For communicating with me and TA
 - For receiving announcements
- Access to Brightspace
 - <https://brightspace.binghamton.edu>
 - For assignment submissions, online homework, and online tests
- A Linux virtual machine (VM) for kernel assignments
 - Details to follow.

Students with disabilities

- Please contact the SSD office for accommodations.
 - <https://www.binghamton.edu/ssd/>
 - Phone : 607-777-2686 (Voice, TTY)
 - Fax: 607-777-6893
 - Email: ssd@binghamton.edu
 - Office Location: University Union, Room 119
- Bring me their letter listing the accommodations required.
 - Preferably within first two weeks of classes
- Don't hesitate to tell me if some aspect of the class is not working for you.
 - I will promptly work with you and SSD to fix it.

Asking questions

- Email us : oscourse@binghamton.edu
- Attend online office hours
 - Posted on class website
- Make Google your friend
 - Can't beat the response time!
- Ask early
 - Don't wait till the last minute
- Feel free to give feedback
 - Especially in the middle of the semester
 - Direct feedback is always welcome.



Stressed?

- Maintain perspective
- If you are overwhelmed with this course, talk to us.
- Campus resources:
 - University Counseling Center:
 - <https://counseling.binghamton.edu/>
 - 607-777-2772
 - Dean of Students Office:
 - <https://www.binghamton.edu/dean-of-students/index.html>
 - 607-777-2804
 - Interpersonal Violence Prevention:
 - <https://www.binghamton.edu/ivp/index.html>
 - 607-777-3062
 - Office of International Student and Scholar Services:
 - <https://www.binghamton.edu/international/student-scholar-services/index.html>
 - 607-777-2510

Academic Integrity

- Please read the policies on [course web page](#)
- Do your own work.
- Don't do others' work.
- Don't ask/give solutions, including code.
- Don't get code from the Internet.
- Protect your code
- We will use Moss
 - A tool for detecting software plagiarism
- Dishonesty →
 - You can get an F grade
 - Be referred to the Dean's office

Missed Exams/Assignments

- Makeup exams/assignments only for medical emergencies or jury duty.
- Please plan your other commitments (travel, interviews, etc) around course deadlines.

That's it! Have a great semester!