Operating Systems

Course Information

Instructor: Kartik Gopalan

Class website: http://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.
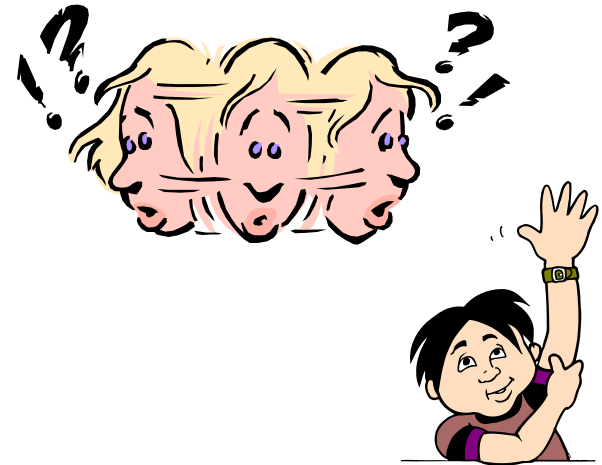
Resources you need

- Google Classroom
  - For submitting your assignments
  - Please accept the email invitation that you have received.

- A Linux virtual machine (VM) for kernel assignments
  - Details to follow.

- 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

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

- Meet us during 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?

- Keep perspective

- If you are overwhelmed with this course, talk to us.

- If you are depressed or panicking for any other reason.
  - Professional counseling is offered by the university
  - http://counseling.binghamton.edu/

Academic Integrity

- Please read the policies on course web page
  - http://oscourse.github.io/policies.html

- 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

- Generally, no makeup exams/assignments.
  - Except for medical emergencies or jury duty when accompanied with valid documentation.

- Please plan your other commitments (travel, interviews, etc) around deadlines.

That's it! Have a great semester!