

# Operating Systems

## Course Information

Instructor: Kartik Gopalan

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

Email: [oscourse@binghamton.edu](mailto: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

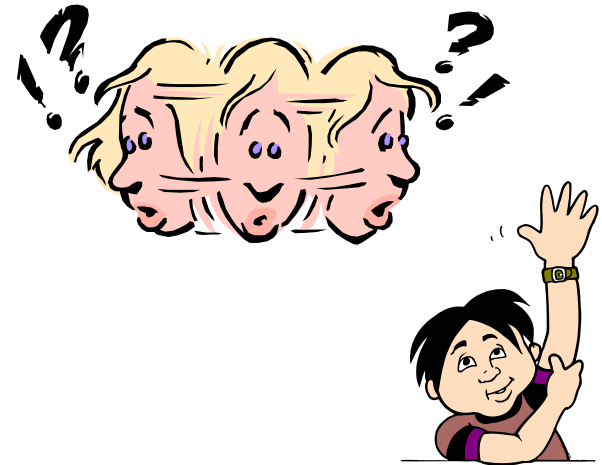
- Access to Google Classroom
  - <https://classroom.google.com/>
  - Use class code : 45y2pps
  - Join using your Binghamton email address
  - For class materials, announcements, assignment submissions, and online homework
- BU Email account
  - <yourid>@binghamton.edu
  - For communicating with me and TA
  - For receiving announcements
- CS LDAP Account
  - To log into machines in G-7, N-01, and [remote.cs.binghamton.edu](https://remote.cs.binghamton.edu)
- 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](mailto:ssd@binghamton.edu)
  - Office Location: University Union, Room 119
- Have them send me a letter listing the accommodations required.
- 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](mailto:oscourse@binghamton.edu)
- Attend online office hours
  - Available every day M-F
- Make Google your friend
  - Can't beat the response time!
- Ask early
  - Don't wait till the last minute
- Direct feedback is always welcome.
  - Especially in the middle of the semester



# 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/centers/varcc/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