CISC 7310X
C01a: Class Policy and Organization

Hui Chen

Department of Computer & Information Science

CUNY Brooklyn College

Outline

- Roll call
- Policy and organization of the course
  - Resources and websites
  - Course content and coverage
  - Learning objectives
  - Textbook and main reference books
  - Grading
  - Teamwork and teaming

Quick Poll

- Did you take an Operating Systems class before?

- Have you written programs in the C programming language?

- What programming language are you most proficient in?

Resources and Websites

- Class website
  - http://www.sci.brooklyn.cuny.edu/~chen/course/CISC7310X
    - Online syllabus
    - Weekly schedule, lecture notes, and assignments
    - Additional resources
- CUNY Blackboard
  - https://bbhosted.cuny.edu
    - Advisor grades
    - Description of assignments
- Assignment submission
  - Git repositories hosted at Github (https://github.com)

Course Content

- Prerequisite
    - Data structures and computer organizations

- Content
    - Systems overview; systems programing; files; access control; resources management; and system modeling

Learning Objectives

- Interaction between system components (hardware, operating systems, applications)

- Major issues and solutions in system design (problems, data structures and algorithms)

- System programming including system calls and programming tools

- System research methods and tools as well as reading, writing, presentation, and experimentation

Textbook and Major References

- Textbook
  - Silberschatz, Abraham, Greg Gagne, and Peter B. Galvin. Operating system concepts. Wiley, 2018.

- Main reference books and online resources
  - Andrew S. Tanenbaum and Herbert Bos. 2014. Modern Operating Systems (4th ed.). Prentice Hall Press, Upper Saddle River, NJ, USA.
  - https://pdos.csail.mit.edu/6.828/2017
  - http://pages.cs.wisc.edu/~Eremzi/OSTEP/

Grading Component and Scale

- Attendance
- Practice assignments
  - Programming and laboratories
- Projects
  - Team projects
  - Research, programming, and laboratories
- Midterm exam
- Final exam

Teaming

- Draw a random ballot

- 3 – 4 students a team

- Steps

  - Draw 3-member teams

  - Students who draws "*", draw again to join a team that has 3 members or fewer.

- But, we do not form teams today

Questions

- Policy and organization of the course
  - Resources and websites
  - Course content and coverage
  - Learning objectives
  - Textbook and main reference books
  - Grading
  - Teamwork and teaming