Class schedule
Tuesday/Thursday 4:30-5:45pm, BYAC 270

Instructor
Dr. Ming Zhao
Office: BYENG 412
Email: mingzhao@asu.edu
Web: http://visa.cs.fiu.edu
Office hours: Tuesday/Thursday 3-4pm
TAs: Runyu Jin, Zige Huang
Recitation sessions: Tuesday 6-6:50pm & Wednesday 2-2:50pm, BYAC 150

Textbooks
  (Required for understanding the lectures and preparing for the exams)
  (Recommended for working on the projects)

Prerequisites
- CSE/EEE 230 Computer Organization and Assembly Language
- CSE 310 Data Structures and Algorithms
- Programming experience in C or C++
- Experience in Linux and its command-line interface
- Experience with virtual machines

Description
The lectures will cover the important OS topics including OS structure, processes, threads, scheduling, synchronization, main memory, virtual memory, file systems, mass storage, and I/O systems (Part One to Part Four of the textbook).

In addition to exams, the course also includes multiple programming projects which involve implementing process management, memory management, and storage management in Linux at kernel level. All the projects should be done by students in groups of two students. Familiarity with Linux command-line environment and virtual machines is essential for the projects.
Grading

- Exams: 50% (16.667% each)
- Projects: 50% (10% each)

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<th>Final Grade</th>
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Advice for success

This will be a demanding course. Take this class at another time if you are not ready yet.

To prepare for the exams, 1) attend the lectures, 2) take notes, 3) read the textbook, and 4) do the homework.

To deliver successful projects, 1) find a reliable teammate, 2) start early, 3) work consistently, and 4) be a self-driven learner.

Finally, talk to the instructor and TAs, early and often.

Policies

- Class attendance: Do not come late or leave early. Do not work on any device.
- No late submission: Late submission of assignment will not be graded. There will be absolutely no exception unless it is due to verifiable cases of illness and emergencies.
- Academic honesty: All assignments must be done independently. Academic dishonesty will be treated seriously according to the Student Academic Misconduct Procedures.