

Com S 352

Introduction to Operating Systems

Class 0 - Syllabus

January 8, 2018

Instructor

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Teaching Team

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Office Hours: Tue 4:00-5:00pm (Abdullah), Thu 4:00-5:00pm (Abdullah), Wed 12noon to 2pm (Gayathri), Mon 3:00-4:00pm and Wed 2:00–3:00pm

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Meetings

Classes (Sukup 0022, MWF 9:00-9:50am)

- Attendance is highly encouraged. In-class quizzes will pop up “uniformly at random” to check attendance. The quizzes account for 5% of your final grade.

Recitations (Carver 0001, Thursday 1:10-2:00pm)

- introduce more examples for understanding OS concepts and system programming
- reviews for exams
- provide helps on homework and programming projects

Pre-requisites & Text Book

Prerequisites

- ComS321/CprE381, ComS 327; and Engl 250/105

Textbook

- Silberschatz, Galvin, and Gagne, Operating System Concepts (9th Edition)
- Class notes

Score Allocation

25% Almost Weekly assignments (no more than 10 homework assignments)

25% ($12.5\% \times 2$) Programming projects

30% ($15\% \times 2$) Midterm exams

15% Final exam

5% Participation (solely based on the in-class attendance quizzes; you may miss at most one quiz)

Grading Scale

90% and higher: A

86% and higher: A-

82% and higher: B+

78% and higher: B

74% and higher: B-

70% and higher: C+

66% and higher: C

62% and higher: C-

55% and higher: D

50% and higher: D-

Lower than 50%: F

Weekly Assignment

- Announced on Friday; **due on the next Friday 11:59pm.**
- No “hand-in assignment” due on the 1st week or the weeks with exams.
- Discussed during recitation/help sessions.
- Announced, turned in, and graded through ISU on-line system.
- Must be submitted **in PDF or plaintext format (Other formats, such as .doc/docx, are not acceptable).** Scanned is fine but make sure your handwriting is neat and clear.

Reading Assignment for Week #1

- Read Chapter 1 of the textbook

Exams

- **2 midterm exams** and **1 final exam**.
- Every exam is 50-minute, closed-book/note exam.
- The *tentative* exam schedule:
 - *Friday, February 16* for Midterm 1.
 - Midterm 2 will be on *Friday, April 6*.
 - Final exam will be given according to the University Schedule.
- The final exam (non-accumulative) will cover the 3rd part lectures in depth and general concepts from the parts covered by midterms.

Programming Projects

2 programming projects

- Project 1: released in early-February; due in early-March
- Project 2: released in mid-March; due in mid-April.

Project policies

- Projects must be turned in electronically by submitting all necessary source code (which may include test code) for correct compilation.
- Source code must include proper documentation to receive full credit.

Programming Projects

Project policies (Cont.)

- All projects require the use of a make file or a certain script file (accompanying with a readme file to specify how to use the script file to compile), such that the grader will be able to compile/build your executable by simply typing “make” or some simple command you specifies in your readme file.
- Source code must compile and run correctly on the department machine *pyrite*, which will be used by the TA for grading.
- Programs that do not compile successfully (warnings are acceptable) may receive zero point.

Programming Projects

Project policies (Cont.)

- Project assignments will provide specifications; however, implementation-specific details may not be given. It will be your responsibility to figure out the implementation approaches.
- You are responsible for thoroughly testing and debugging your code. Samples given with the project assignments are for explanation/illustration purpose only; the TA may try to break your code by subjecting it to bizarre test cases.

Late Policy

Homework or programming projects will **not be accepted after 72 hours** later than the submission deadline.

- 10% of the full credit of the homework/project will be automatically deducted for submission later by 1 second to 1 day.
- 20% will be deducted for submission later by 1 day plus 1 second to 2 days.
- 30% will be deducted for submission later by 2 day plus 1 second to 3 days.

Appealing Policy

Appealing for homework/programming project grades will be first handled by the TA within one week after the graded homework/project has been returned.

In case of disputes, the student should appeal to the instructor.

Appealing for exam grades will be handled similarly. The student should appeal to the TA and the instructor within one week after the graded exam is returned.

We follow other University Policies at ISU

Academic misconduct

Disability accommodation

Dead week

Harassment and discrimination

Religious Accommodation

Please refer to the syllabus posted through on-line system for detail.