

CS 410 - Operating Systems - Spring 2019

Prerequisites:

CS 250 (Data Structure I) and CS 310 (Computer Organization I)

Class Meetings:

MWF 9:00am-9:50am, 132 Stipes Hall

Office Hours:

MWF 2:00pm-3:20pm

Additional office hours are available by appointment. If you see me in my office, you are more than welcome to stop by.

Office hours are subjected to change. Any changes will be updated on the course website.

Instructor:

Dr. Hoang Bui, Assistant Professor, School of Computer Sciences

Email: h-bui at wiu dot edu

Office: 447L Stipes Hall

Course Overview:

This course will provide an overview of the concepts of operating systems with emphasis on process management, memory management, file management, scheduling, and synchronization. Students will learn and understand a number of basic services provided by an operating system. We will also discuss the mechanisms and algorithms used to implement these services. Additionally, students will practice applying these mechanisms and algorithms to implement some parts of operating system services.

Course Textbooks:

Required: Silberschatz, Galvin, and Gagne, **Operating System Concepts**, Wiley, 9th edition.

Optional: Kernighan and Ritchie, **The C Programming Language**, Prentice-Hall, 1988.

Course Website:

<http://faculty.wiu.edu/h-bui/teaching/2019Spring/cs410>

Grading:

Programming assignments, homework and quizzes are to be done individually, unless otherwise noted. Graduate students will need to complete additional requirements on some programming assignments.

If you have any questions regarding how any assignment or exam is graded or that you deserve more points than you received, you must see the instructor before the next class meeting. Any

assignment or exam returned to the instructor for regrading will be subject to regrading as a whole.

Item	Percentage
Attendance	5%
Programming Assignments	20%
Homework	15%
Quizzes	5%
Exam 1	15%
Exam 2	15%
Final Exam	25%

Undergraduate students

Grade	Range	Grade	Range	Grade	Range
A	100-93	A-	92-90	B+	89-87
B	86-83	B-	82-80	C+	79-77
C	76-73	C-	72-70	D+	69-67
D	66-63	D-	62-60	F	59-0

Graduate students

Grade	Range	Grade	Range	Grade	Range
A	100-90	B	89-80	C	79-70
D	69-60	F	59-0		

Attendance and Deadlines:

No computer and cell phone usage during class.

Student are expected to attend, participate and contribute during class. You must self-report any related absence(s) using the *Online Absence Reporting System, O.A.R.S.*, which is available from the website <https://my.wiu.edu>.

Late exercises and assignments are only accepted within 24 hours of the original deadline (usually beginning of class). There will be 25% penalty on late exercises and assignments. Exercises and assignment not turned in or more than 24 hours late will receive 0 points.

Makeup exam is only allowed in case of a true medical or family emergency on the day of the exam. Please email the instructor in a timely manner to arrange a makeup exam.

Final exams schedule: <http://www.wiu.edu/registrar/exams.php>

Student Rights and Responsibilities.

Please see <http://www.wiu.edu/provost/students.php>

Student Academic Integrity Policy.

Please see <http://wiu.edu/policies/acintegrity.php>

Cheating will not be tolerated in any forms. I expect that students will conduct themselves with integrity. Cheating includes but is not limited to the following: taking exams for another person, using solution from another person, or using assignment or exam material from previous semesters. You may not copy assignment solutions from another student or any other sources. You may not allow other students to copy your assignment solutions (intentionally or unintentionally.)

If a cheating incidents occur, the following actions will be taken: You will receive a lower point score up to and including a zero for that particular assignment or exam. Additionally, Any incidents will be reported to The Council on Admission, Graduation, Academic Standards (CAGAS), and the Dean Office.

Students with disabilities:

Students with disabilities: In accordance with University values and disability law, students with disabilities may request academic accommodations where there are aspects of a course that result in barriers to inclusion or accurate assessment of achievement. To file an official request for disability-related accommodations, please contact the Disability Resource Center at 309-298-2512, disability@wiu.edu or in 143 Memorial Hall. Please notify the instructor as soon as possible to ensure that this course is accessible to you in a timely manner.

Sexual Misconduct Policy (Title IX):

University values, Title IX, and other federal and state laws prohibit sex discrimination, including sexual assault/misconduct, dating/domestic violence, and stalking. If you, or someone you know, has been the victim of any of these offenses, we encourage you to report this to the Title IX Coordinator at 309-298-1977 or anonymously online at:

http://www.wiu.edu/equal_opportunity_and_access/request_form/index.php

If you disclose an incident to a faculty member, the faculty member must notify the Title IX Coordinator. The complete Title IX policy is available at:

<http://www.wiu.edu/vpas/policies/titleIX.php>