

CS 3600- Operating Systems -Spring 2022

CRN: 30646

Class Hours: TR 6:00 PM - 7:50 PM | **Room:** AES 210

Virtual Office Hours:

Monday: 9 am to 11:30 am

Wednesday: 9 am to 11:30 am

OR by email appointment for meeting at my office AES 200V / MS Teams.

Please send a message in MS Teams before the meeting.

Email: rranjidh@msudenver.edu, please make sure to have "CS3600" in the subject line for course-related emails.

Learning Content interactions: All class announcements, course syllabus, policy, weekly schedule, materials, and assessments will be available in Canvas. <https://msudenver.instructure.com/courses/52313>

Or Login to canvas your enrolled courses will be available to you.

How students can log in to Canvas:

Visit the [Student Hub](#). Navigate to "Web Services" and click on "Canvas" to log in.

Required Textbook:

Operating System- zyBook

Sign in only through Canvas from the link given in the Syllabus page so that the Zybook activities can be graded. The **subscription is \$39 for the semester**. Students may begin subscribing once you have access to Canvas for the course. Subscriptions will last until Jun 11, 2022.

Other Readings (Not required): –

Operating System Concepts, 10th Edition, by Abraham Silberschatz, Greg Gagne **ISBN-13: 978-1119456339**

OER Material

<http://pages.cs.wisc.edu/~remzi/OSTEP/>

Materials for C program links

<https://www.cprogramming.com/tutorial/c-tutorial.html>

Course Description: This course introduces modern computer operating systems, their use, design, development, and implementation. Topics covered: operating system modes, structuring methods, process, and thread scheduling and dispatch, concurrency, inter-process communication, memory management, file system organization (in both stand-alone and networked environments), and system security. Students are required to write programs that implement some operating system functions.

Prerequisites: CS 2050, CS 2400, and CS 3250, all with grades of "C-" or better

Grading Policy

	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
Average Grade %	92-100	90 - 91.9	88 - 89.9	82 - 87.9	80 - 81.9	78 - 79.9	72 - 77.9	70 - 71.9	68 - 69.9	62 - 67.9	60- 61.9	<=59.9

<https://catalog.msudenver.edu/content.php?catoid=32&navoid=2081#ComputingGPA>

Class grades will be based on the following:

<i>Description</i>	<i>% Weight</i>
Midterm Exam	20 %
Final Exam	20 %
Quizzes and HomeWorks	30 %
ZyBook Participation and Class works	10%
Programming Projects	20%

Homework/Project Submission: Homework is due by midnight on the due date and must be substantially complete and correct, else the work will be returned for further corrections and re-submission. Homework or projects received after the due date will receive only a maximum of 75%. Submissions after April 30th, 2022 will receive only a maximum of 50%. After April 30th no late assignments will be accepted. Grading will be based on the correctness, completeness, and presentation of the work assigned to each student. **Weekly Quiz has unlimited attempts and the highest grade will be counted. [The first attempt should be on or before the given due date of the quiz]**

Final Exam: The final examination will take place during the University's scheduled time.

Tentative dates: **05/10/2022 or 05/12/2022**

Make-up Exams: All exam dates are given on day 1 so plan accordingly. No student may make up exams unless it is a genuine reason with supporting evidence, the decision of the instructor will be final. A grade of zero will be given for all other missed exams.

Important Dates: [See Schedule of Activities in Canvas Syllabus Page](#)

- 100% refund: Monday, January 24th, 2022
- 50% refund: Thursday, February 3rd, 2022
- **March 21-25 Spring Break (Campus Open, No Classes)**
- Last Day for W (Withdraw Full-Semester Classes): Friday, April 1st, 2022
- <https://msudenver.edu/events/academic/>

Safe return to Campus: <https://www.msudenver.edu/safe-return-to-campus/health-protocols/>

University Policies – Students are responsible for full knowledge of the provisions and regulations pertaining to all aspects of their attendance at MSU Denver, and should familiarize themselves with the policies found in the <https://catalog.msudenver.edu/content.php?catoid=35&navoid=2295>.