

**Metropolitan State University of Denver, Department of Mathematical & Computer Sciences**  
**CS 2400- Computer Organization 2-Spring 2020**  
**CRN 34765 - Section 3**

---

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

**Office Hours: Office @ AES 460 C, Monday and Wednesday: 10 AM to 12 Noon, Tuesday and Thursday-10 AM to 11 AM, or by email appointment.**

**Email: [rranjidh@msudenver.edu](mailto:rranjidh@msudenver.edu)**, please make sure to have "CS2400 Spring2020" in the subject line for course-related emails.

**Moodle Link: <https://gouda.msudenver.edu/moodle/>** Enrolment Key: **20202400**, All students must enroll in Moodle using the Enrolment Key, all course materials will be posted in Moodle.

**Textbook:** *Computer Organization and Design: The Hardware Software Interface: ARM Edition*, by D. A. Patterson and J. L. Hennessy, Morgan Kaufmann, ISBN-13: 9780128017333

OR

*-For more Interactive Version and more examples of the above textbook, you can subscribe to Zybook.*

**Book Order Information for Zybook will be provided after the first class.**

**Optional book for ARM** – "ARM Assembly Language", 2/E, by William Hohl, CRC Press, ISBN-13: 978-1482229851.  
**Other Readings:** "Computer Organization and Architecture", 11th Edition, by William Stallings

**Course Description:** In this course, students will study the internal organization, characteristics, performance, and interactions of a computer system's functional components. Binary codes and binary arithmetic, digital logic, central processor organization, instruction set architecture, input/output fundamentals, and memory architecture.

**Prerequisites:** An intermediate algebra course or one and one-half years of secondary school algebra or equivalent and appropriate score on the mathematics pre-assessment placement test or higher-level math course with a grade of "C" or better.

**Grading Policy**

	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
Average Grade %	=>98	92-97	90-91	86-89	83-85	80-82	76-79	73-75	70-72	66-69	63-65	60-62	<=59

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

Class grades will be based on the following:

Description	% Weight
Test # 1	15 %
Test # 2	15 %
Final Exam	20 %
Quizzes, Classwork HomeWorks, and Projects	50 %

**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 will be considered late). Homework or projects received after the due date will receive only a maximum of 50%. Grading will be based on the correctness, completeness, and presentation of the work assigned to each student.

**Quizzes and Classwork:** All quizzes and classwork will be based on material covered in the class. No makeup is available for quizzes and classwork.

**Tests and Final Exam:** The final examination will take place during the University's scheduled time. The exams will be a closed book. However, students may use a 3"x5" one-sided hand-written notes during the mid-term exams if allowed by the instructor. If an exam consists of programming on a computer, it will be an open book and open notes.

**Make-up Exams:** No student may make up more than one exam. Arrangements for making-up a missed exam should be made before the next class meeting following the exam. A grade of zero will be given for all other missed exams.

**Withdrawal Dates:**

- 100% refund: Tue. Jan 28, 2020
- 50% refund: Thu. Feb 6, 2020
- **March 21-29 Spring Break (Campus Open, No Classes)**
- Last Day for W (Withdraw Full-Semester Classes): Fri. April 3, 2020

**Important Dates:**

<https://msudenver.edu/events/academic/>

**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 [MSU Denver Catalog](#). For more information and recent updates, go to the CLAS website: <https://msudenver.edu/las/studentinformation/forms/>”