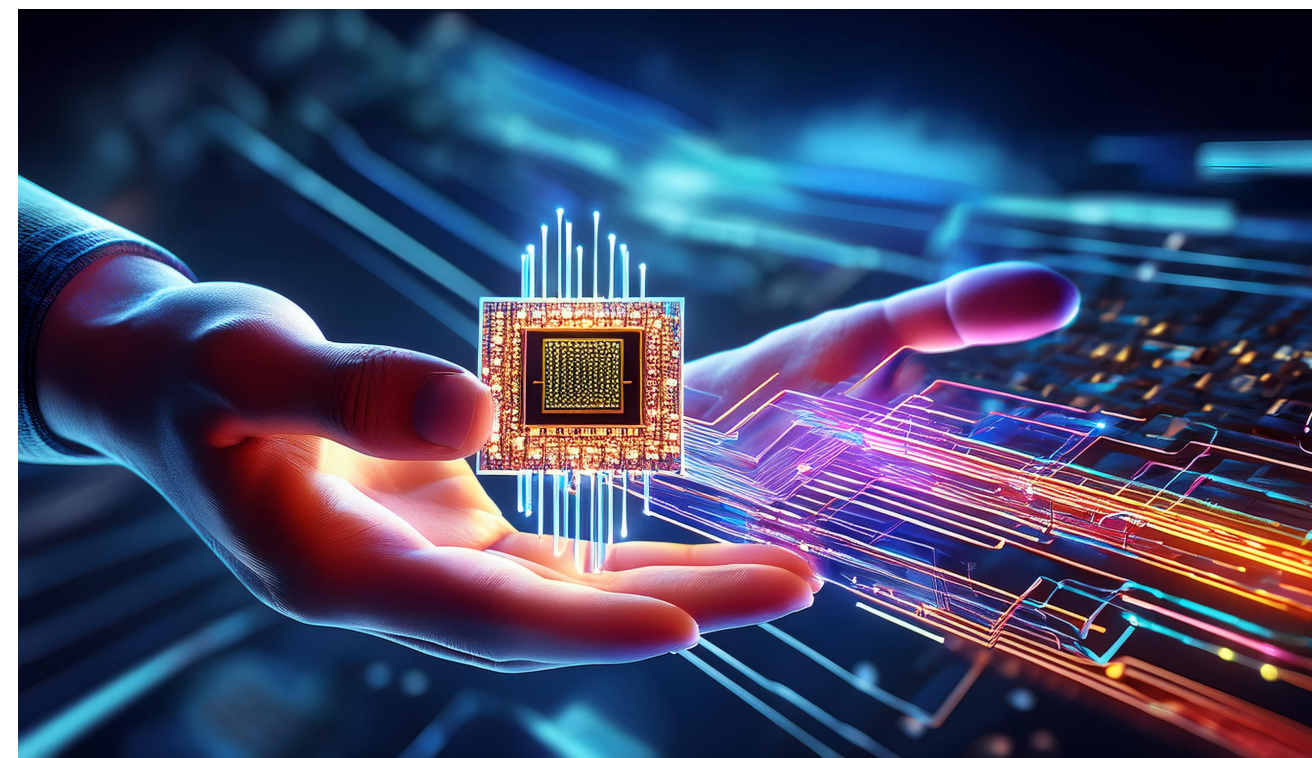# CSCI 250
Introduction to Computer Organisation
Lecture 0: Administrations

Jetic Gū

2024 Fall Semester (S3)

Overview

- Focus: Course Introduction

- Architecture: CPU and Computer Architecture

- Core Ideas:

  1. Make sure you are in the right classroom

  2. Some basic information regarding the course

What You've Learned

- From CSCI150

  - How information is represented in any digital device

  - How information is processed in any digital device

  - How computers work

  - How to design processors

- From CSCI120/CSCI125

  - How programming languages work (Python, C/C++)

  - Interpreted/Compiled Programming Languages

  - How does the file system work

  - How to debug programmes

Review

About This Course

- How does a computer process numerical information (Integer and Float)

- How does a computer manage memory?

- How does a CPU work?

- How does a computer run programmes?

- How does a compiler/interpreter work?

Concept

About The Course

- Website:

  - https://jetic.org/kurs/csci-250/

  - Labs, Slides, etc.

- Contact:

  - Please use Microsoft Teams

  - I check my emails much more infrequently than Teams

Concept

About The Course

- Textbook

  - *Logic and Computer Design Fundamentals*, 5th edition, M. Morris Mano, Charles R. Kime, Tom Martin, Pearson, 2016 (4th edition is OK)

    - Chapter 4, 7, 8, 9, 10

  - *LogicWorks5*, Capilano Computing Systems Ltd, Addison-Wesley, Manual & software used for digital hardware simulation.

    - You will need the software

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About The Course

- Second year undergraduate level

- Computing science, Electric engineering, etc.

- Workload: medium-high

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Grading

- **Labs: 30%**

- Quiz: 20%

- Midterm: 20%

- Final exam[1]: 30%

- Labs are the most important component!

Grading

- **Lab**: submission on Moodle

- **Quiz&Midterm&Final**: TBA

  - Quizzes: Fridays, see course webpage for detailed dates

  - Midterm: Week 8

  - Final: Week 14

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Late/Re-submission Policy

- The Following Excuses will NOT work:

    1. I have to work / I forgot;

    2. I have too many courses;

    3. I am travelling;

    4. I am not happy with my grade;

    5. My mum doesn't want me to study.

Concept

Late/Re-submission Policy

- However… for once in the semester, you are allowed 1 late/re-submission for up to 7 days from the original due / grade release

  - But only once

  - And only up to 7 days

Plagiarism Policy

- Policy for Plagiarism in Labs/Assignment

- If two submissions are too similar, you will both be charged, and appeals will usually fail

- The following will not work:

  - Our submissions are similar because the other person was sitting next to me

  - We worked on the lab together

  - The other person copied from me, I didn't do anything wrong

  - I did it myself, I don't know why our submissions are so similar

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