

CS2100 Computer Organisation

<http://www.comp.nus.edu.sg/~cs2100/>

Welcome

(AY2016/7 Semester 2)

STAFF

■ Lecturers



- Mr. Aaron Tan
COM1-03-12
tantc@comp.nus.edu.sg



- Dr. Colin Tan
COM2-02-08
ctank@comp.nus.edu.sg

■ Tutors

- To be updated – refer to course website

■ Lab TAs

- To be updated – refer to course website

COURSE MATERIALS

■ CS2100 website

□ <http://www.comp.nus.edu.sg/~cs2100>



Module Info...

[Description](#)
[Staff](#)
[Schedules](#)
[Policies](#)

Resources...

[Books](#)
[Online](#)
[Lectures](#)
[Errata](#)

AY2016/7 Semester 2

- **Welcome all CS2100 students!**

This website is currently being updated in preparation for the coming semester.

Aaron Tan

Hits since 28-Dec-07: 161680. Accesses today: 18. [Statistics](#).

■ IVLE

□ <https://ivle.nus.edu.sg>

COURSE DESCRIPTION

- The objective of this module is to familiarise students with the fundamentals of computing devices
 - The basics of data representation
 - How the various parts of a computer work, separately and with each other
- Topics
 - Data representation systems
 - Combinational and sequential circuit design
 - Assembly language
 - Processor execution cycles
 - Pipelining
 - Memory hierarchy
 - Input/output systems

Assessments

CA component	Weightage
Tutorial attendance	5%
Assignments (3 or 4)	12%
Labs	13%
Mid-term test	20%
Final exam	50%

TEXTBOOKS

■ Digital Logic Design (DLD) 2nd edition

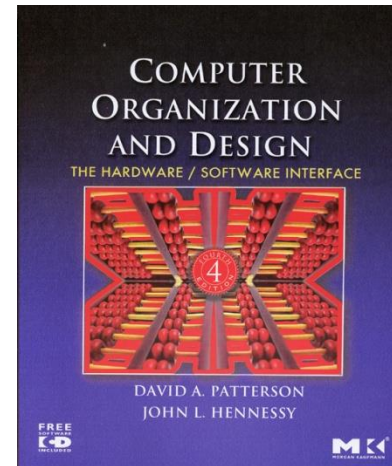
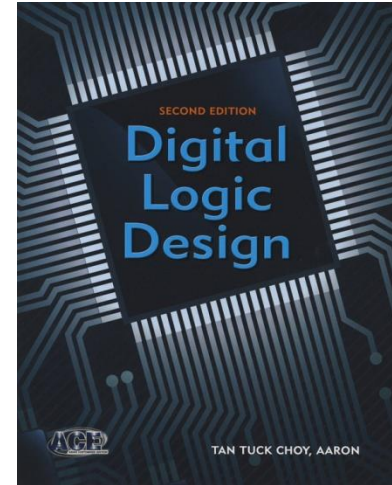
by Aaron Tan
McGraw-Hill

Please refer to module
website “[Errata](#)” page
for errors in the book.

- Book + ebook bundle (include
errata sheet)

■ Computer Organization and Design (COD), 4th edition

by David A. Patterson and John L.
Hennessy, 4th ed, Elsevier



ADMIN MATTERS (1/2)

- Email me at [tantc @ comp.nus.edu.sg](mailto:tantc@comp.nus.edu.sg) on personal matters.
- Online tutorial/lab registration – through CORS.
 - ❑ See important notes on IVLE forum
 - ❑ Lab group and tutorial group are independent.
 - ❑ Please read forum on common mistakes made on CORS.
 - ❑ **Appeal through CORS, please do NOT email me!**
 - ❑ Priority will be given to those without a group, instead of those who already have a group but wish to change.
 - ❑ Do not worry if your lab/tutorial is back to back with the lecture. I will be punctual in starting my lesson and CS2100 lectures/tutorials/labs should end 15 minutes before the hour.
 - ❑ After you get your assigned group, please **stick with it**.

ADMIN MATTERS (2/2)

- Lectures are webcast
- Tutorials and labs start in week 3
- Mid-term Test
 - **8 March 2017, Wednesday**, 6 – 8pm
 - Please check that the date does not clash with your other classes/tests!
 - If any of your other modules has a test scheduled on the same day and time, please inform the lecturer of that module of the clash.

END
