

CS1010E

Programming Methodology

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Semester II, 2016/2017

Course Outline

- Introduce the fundamental constructs of programming
- C is the programming language taught
- Basic programming methodology, not just C
- Preparation for CS1020E and other computing courses
- Learning Outcome:
ability to **understand** basic algorithms and
implement them in C

Support Staff

Teaching Assistant (Coordinator)

- Adi Yoga Sidi Prabawa (dcsaysp@nus.edu.sg)

Other Assistants

- Tutors
- Lab Instructors

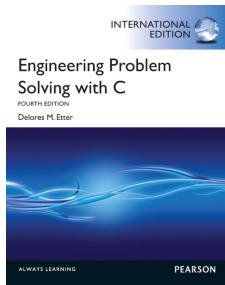
TextBook and Websites

Engineering Problem Solving with C by Delores M. Etter, 4th Ed, 2013.

CS1010e

Engineering Problem Solving with C: International Edition, 4/e

Author : Etter
Publisher : Pearson
ISBN : 9780273768203



Available at **NUS Co-op @
Forum !!**

ALWAYS LEARNING

PEARSON

- IVLE (for course notes, forum, anonymous feedback):
<http://ivle.nus.edu.sg>
- Auxilliary website: <http://www.comp.nus.edu.sg/~cs1010e>

Schedule

- Lectures: Tuesdays 16:00-18:00 UTown Auditorium 2
All lectures are webcast (eventually).
- Midterm test: Probably on Week 8 (of NUS Academic Calendar),
Time/Venue TBA
- Tutorials: 1 hr/week starting week 3
- Labs: 2 hrs/week starting from week 3
- Tutorial/Lab registrations: see <http://ivle.nus.edu.sg>
(Contact: Adi Prabawa)
- Final Exam: Friday 28 APR 2017 (AM)

Assessment

- Final Exam (Open Book): 40%
- Continual Assessment (details subject to change): 60%
 - Midterm Test: 10% (near week 7)
 - Lab Tests: $8+9+10+11+12 = 50\%$ (5 tests, each 2 hours)

Important Notes on Labs

- All labs are held on **Wednesdays**
(timeslots 10:00, 12:00, 14:00 and 16:00)
- Lab sessions in the *even* weeks are **optional** (“Take-Home”)
- Lab sessions in the *odd* weeks are **mandatory** (“Sit-in” or “Graded”)
- The Labs are organized in 5 parts, each comprising a take-home followed by a sit-in-lab.
 - Take-home: in weeks 4, 6, 8, 10, 12 (“*even*” weeks)
 - Sit-in: in weeks 5, 7, 9, 11, 13 (“*odd*” weeks)

Makeup Policy

- Missed Lab

Your missed lab grade will be determined by the grade of the **next lab** you attend. In case you missed the final lab 5, there will be one special makeup lab.

Note that labs get progressively harder.

- Missed Midterm

Your midterm grade will be determined by the final exam grade.

More on Labs and Tutorials

- Lab session on week 3 (Wed 25 Jan 2017) is **mandatory**.
You will be introduced to basic programs, the general programming environment, and the TA's.
- Part 1 of each lab test will be given out at the start of the even weeks.
- In each even week, there is a lab session for doing the Part 1 assignment
- In each even week, there is a tutorial supporting the Part 1 assignment
- Even week labs and tutorial sessions are **not mandatory**
- In each odd week, Part 2 of each lab session is a **continuation** of the previous Part 1 assignment.
This session is **assessed**.
- In each odd week, tutorials will cover general material

Registration for Lab and Tutorial Groups

- You can change your time slot by appealing using the **CORS** system during the next two/three weeks
- Do not send email at this time.

Final Note on Communication

- ***DON'T SEND EMAIL*** ... unless the matter is personal
- ***USE THE (IVLE) FORUM*** ...
for the benefit of others, and
better access to timely replies