

CSE 3

Fluency with Information Technology (FIT)

Summer 2010

Instructor: Rick Ord
EBU3B 2102 (Computer Science & Engineering Building)
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Office Hours: Monday and Fridays 9-10am, open office policy, or by appt.

Course email help: cs3u@ieng6.ucsd.edu

Web page: <http://www.cse.ucsd.edu/users/ricko/CSE3/>

Lectures: Mon/Wed 8:00 – 10:50am WLH 2204

Lab Sections: Tue/ Thu 9:00 – 10:50am EBU3B B270 (Basement of CSE building)
No Make-Ups! Be in the lab 5 min. early.

TAs: Kristen Jaskie cs3u1@ieng6.ucsd.edu
Office Hours: TBA

Textbook: **Fluency with Information Technology: Skills, Concepts, & Capabilities**, 3rd Edition, Lawrence Snyder, Pearson/Addison-Wesley, 2008.

References: **How Computers Work**, 8th Edition, Ron White, Que, 2007.

Description: For non-Engineering majors. Information Technology (IT) fluency including proficiency with certain computer applications (traditional computer literacy), principles on which you can build new understanding as IT evolves, high-level reasoning and IT problem solving, and basic web programming. Computational thinking and data analysis and data presentation.

Daily in-class activities with weekly organized lab projects.

- Becoming Fluent with Information Technology
- Algorithms and Digitizing Information
- Data and Information Analysis and Presentation
- Problem Solving and Computational Thinking

Grading:

3 Quizzes	10%
1 Midterm	15%
1 Final	30% (comprehensive)
Lab/HW projects	45%

~90-100%	A+/A/A-
~80-90%	B+/B/B-
~70-80%	C+/C/C-
~60-70%	D
< 60%	F

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