

# CSE 3

## Fluency with Information Technology (FIT)

### Fall 2009

**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:** [cs3fa@ieng6.ucsd.edu](mailto:cs3fa@ieng6.ucsd.edu)

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

**Lectures:** Mon/Wed/Fri 10:00 – 10:50am Pepper Canyon 109

**Lab Sections:** Tue/Wed/Thu/Fri EBU3B B270 (Basement of CSE building)  
No Make-Ups!

**TAs:** Kristen Jaskie [cs3fa1@ieng6.ucsd.edu](mailto:cs3fa1@ieng6.ucsd.edu)  
Office Hours: Thursdays 11am-12pm and Fridays 2-3pm in CSE B270 (the lab)

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

**References:** **How Computers Work**, 8<sup>th</sup> 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:**

5 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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