



Welcome to FIT100

(CSE100 and Info100)

Fluency with Information Technology

Please, take a syllabus



About This Class

Fluency with Information Technology

-- FIT for short -- is the state-of-the-art IT class for non-techies

- FIT is better than computer literacy
- FITness concept from NSF/NRC study
- FITness teaches how to use IT today and how to learn IT throughout life



UW was first in the US with a FIT class



Being Fluent

FIT100 teaches you to be Fluent with IT

What does that mean?

- You will use IT freely and easily
- Technology will not “be in the way”
- You will be able to recover from bugs, errors or unexpected situations
- You will be in control and confident
... now and in the future

Becoming Fluent is no small feat!



The Content

FIT100 helps you become Fluent by teaching ...

- * Skills, like email, word processing, ...
- * Concepts, like how networks work, building Web pages with HTML, ...
- * Capabilities, like how to find accurate information on the WWW, debugging, ...
- Integrates content by using projects



Lifetime of Learning

Why is lifelong learning emphasized?

- Technology keeps changing
 - * In school your parents didn't learn ...
 - The World Wide Web, etc.
 - Googling, Mapquest, Wikis, BLOGs, etc.
 - Privacy, phishing, computer viruses, etc.
 - Voice-over-IP, Net-conferencing, etc.
 - * Even CS majors didn't learn that stuff

No fixed set of topics is “everything” you need



CSE100/Info100

FIT100 is offered by Computer Science & Engineering Department (CSE100) and the Information School (Info100)

- It doesn't matter which you registered for
- FIT100 has no prerequisites except being a student at UW
- FIT100 is for "non technical" students
- If you are a "techie" e.g. plan to major in science, engineering, architecture, ... take CSE142



Is FIT100 for You?

Take FIT100 if you ...

- * Want to learn application & science of IT
- * Want to prepare for a lifetime of expanding your use of computers
- * Are willing to think and study intensively
- * Can attend all classes and labs
- * Can devote "5 credits" of study *this* term

FIT100 is worth it ... you'll use this class for a lifetime



But, Maybe Not

Do not take FIT100 if

- * You only want to learn a few skills like word processing, email, Web, etc.

www.washington.edu/computing/catalog/gen/Catalog.html

- * You don't have time to attend class, lab
- * You want a good grade with little work...
FIT100 doesn't repeat classes you've had
- * You expect someone else to do the work

FIT100 is offered every term ... take it later



Some Stats

Looking at the numbers ...

- 4.0-2.0 Students who passed with 2.0 or better came to all classes, prepared for quizzes, read book, came to all labs, took all exams
- 1.9-0.0 Students who did poorly skipped classes (and so missed quizzes), skipped labs, didn't attempt parts of projects ...
- The secret to success is good study habits



Taking FIT Is Worth It

Previous students said ...

“FIT100 was very valuable, even though it involved a lot of work (and I do mean LOT)”

“FIT100 expanded and brought precision to my thinking”

- If you can commit to FIT -- Welcome
- If this isn't the term, withdraw so some other student can have a chance



Class Mechanics

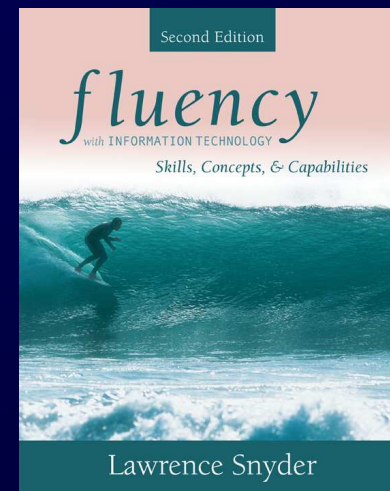
Text Book *Fluency with Information Technology*, L. Snyder, AW, 2006

Grading

- Labs and Assignments
- 3 Projects (each with 2 or more parts)
- 2 Midterms & Comprehensive Final Exam
- Mini-quizzes: Unannounced, on readings

Clickers

- Quizzes use “clickers”; discount w/textbook



All details are in the syllabus



FIT100 Announcements

5 announcements that matter to you

- * TAs and Office Hours
- * FIT100 Web site
- * Calendar is where its at
- * Readings
- * An Assignment



Teaching Assistants

FIT100 Has 4 Great TAs ...

- * Sandra Fan
- * Shaun Kane
- * Brian Ngo
- * Veneta Tashev



**Office Hours are
held in CSE216 ...
any TA is OK**



Class Web Page

FIT100 maximizes computers & Internet

- Class Web site ... memorize it!

<http://www.cs.washington.edu/100>

cs = computer science

/100 is all that's needed after the .edu

Everything you need to know will be
on the site, esp. **announcements**

- Always check the Web page first



The Calendar

The Calendar is **the** source ...

FIT100 Calendar

This calendar describes FIT100 throughout the term. (Not all links are "live" yet, but they will be.) Look here for lecture slides (Lecture column), and Lab materials (Section column). *Notice that there are two Monday holidays, and the lab sections are canceled on those days; students whose sections meet on Mondays must join a Tuesday lab in those two holiday weeks.*

Date	Day	Lecture Topic	Reading	Section Topic	Homework	Summary
Jan 3	Tue	Canceled				
Jan 4	Wed	Introduction		UW Network Resources (L1)	HW 1 Assigned	Become familiar with the FIT web site and UW computing facilities.
Jan 5	Thu			UW Network Resources (L1)		
Jan 6	Fri	Le Mot Juste C1 , Engr199 announcement	Chapter 1		HW 1 Due beginning of class	Why are there strange words in computing, and why to learn them.
Jan 9	Mon	Digerati	Chapter 2	Directories (L2)	HW 2 Assigned	Explore two common desktop operating systems.



Readings

We will follow *Fluency with Information Technology (FIT)* closely

Readings are assigned for each class

Reading the material before class will ...

- make the lectures *much* more useful
- prepare you for the unannounced quizzes

For Friday read Chapter

What do you do if you don't know what has been assigned?



An Assignment

Assignment 1 is a treasure hunt

- * Find the FIT100 web page
- * Locate Assignment 1
- * Print it out
- * Using the syllabus, answer the questions
- * Turn it in Friday in class

Even if you're only "checking out" FIT100 to decide if it's for you, do this assignment



Summary

FIT100 is a serious class that requires effort, but it delivers knowledge you can use now and throughout life

- **FIT100 is Skills, Concepts, Capabilities**
- **Good study habits are key to success**
- **Have no time? Want easy class? Skip FIT**
- **Teaching staff is here to help you learn**
 - Sandra, Shaun, Brian, Veneta and Larry

FIT100 may be the coolest class you ever take