Welcome to FIT100
(CSE100 and INFO100)
Fluency with Information Technology

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About This Class

Fluency with Information Technology --FIT for short-- is the state-of-the-art class for non-techies

- FIT goes beyond 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
Video

- Background and History
Being Fluent

FIT100 teaches you to be Fluent with IT

What does that mean for you?

• Using IT freely and easily
• Making technology your friend
• Recovering from bugs, errors, or unexpected situations
• Being in control and confident
... now and in the future

Becoming Fluent is no small feat!
FIT100 helps you become Fluent by teaching …

* Skills, like spreadsheets, databases, …
* 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
Video

- Skills, Concepts, and Capabilities
Why is lifelong learning emphasized?

- Consider a college education as a “product” with a 50-year “useful life”

* What did the class of 1957 need to know about technology to be still employed today?
Lifetime of Learning

- What did the class of 1957 learn about technology?
  - The first computers were developed in the 1940s
  - First packet sent on the “Internet” in 1969
  - PC as the personal computer was used ~1980
  - WWW was developed in 1994

No fixed set of topics is “everything” you need
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 applications & the science of IT
* prepare for a lifetime of expanding your use of IT

and you are willing to ... 
* think and study intensively
* attend all lectures and labs
* devote "5 credits" of study time this term

FIT100 is worth it ... you’ll use this class for a lifetime
But, Maybe Not

Do not take FIT100 if you

* want to learn only a few skills like word processing, email, Web, etc.  
  www.washington.edu/computing/catalog/gen/Catalog.html
* don’t have time to attend class, lab
* want a good grade with little work… FIT100 doesn’t repeat classes you’ve had
* expect someone else to do the work

FIT100 is offered every term … take it later
Some Stats

Looking at the numbers...

- 2.0-4.0 GPA Students who passed came to all classes, prepared for quizzes, read book, came to all labs, took all exams.

- 0.0-1.9 GPA Students who did poorly skipped classes (and so missed quizzes), skipped labs, didn’t attempt parts of projects...

- 9 Students in recent quarter sent to Conduct Committee and got Academic Probation.
Taking FIT Is Worth It

Previous students said …

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

Textbooks

Fluency with Information Technology, L. Snyder, Addison-Wesley

All details are in the syllabus

QuickStart with JavaScript, F. Lin, Addison-Wesley
Textbooks

Fluency with Information Technology  L. Snyder, Addison-Wesley

Grading  All details are in the syllabus

• 13 Labs and Homework Assignments
• 3 Projects (each with 2 parts)
• 10 pop Quizzes: online during lab
• 10 pop Quick-Writes: during lecture
FIT100 Announcements

6 announcements that affect YOU

* TAs and Office Hours
* Computer Basics Lab
* FIT100 Web site
* Calendar gives you control!
* Readings
* An Assignment
Teaching Assistants

FIT100 Has 3 Great TAs ...

- Marilyn Ostergren (AE and AF)
- Kelly Smith (AB and AD)
- Marc Dupuis (AA and AC)
Teaching Assistants

Extra help when you need it:
- Drop-in labs (MGH 430—a computer classroom)
- TA’s office hours (MGH 330K)
- Instructor’s office hours (MGH 330J)
Computer Basics Lab

Many students come to FIT100 knowing email, WWW, word processing
But, if you have never used a PC ...

* Do not fear FIT100!
* Expect a steep learning curve
* Come to the drop-in labs for more one-on-one time
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, espec. announcements

• Always check the Web page first!
The Calendar

The Calendar gives you control ...

<table>
<thead>
<tr>
<th>Week 1</th>
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<tbody>
<tr>
<td>Date</td>
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| Mar 31 | Mon | Introduction [Print] |              | UW Network Resources (Lab 1) | HW 1 assigned Videos:  
  ▪ Turn on Web Publishing  
  ▪ Information for UW employees |
| Apr 1  | Tue |               |              | UW Network Resources (Lab 1) |           |
| Apr 2  | Wed | Le Mot Juste [Print] | Chapter 1 | Directories (Lab 2)  
  Linux and UNIX (optional) |           |
| Apr 3  | Thu |               |              | Directories (Lab 2)  
  Linux and UNIX (optional) |           |
| Apr 4  | Fri | Digerati [Print] | Chapter 2 |           | HW 2      |
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 and Quick-Writes

For next class read Chapter 1

What do you do if you don’t know what has been assigned?
An Assignment

Homework 1 is a Treasure Hunt

* Find the FIT100 web page
* Locate HW1
* Using the syllabus, answer the questions
* Turn it in Monday before Noon

If you’re here hoping to register for FIT100 when someone drops, do Lab 1 and HW1. Attend lab.
Reflection

Label a piece of paper at the top with:
* Your name
* FIT100
* Today’s date: 3/31/2008

Choose one of these topics:
* Describe your previous experience with technology.
* Describe your first encounter with technology.

Write two paragraphs...
Summary

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

- FIT100 is Skills, Concepts, Capabilities
- Good study habits are key to success
- Have no time? Want an easy class? Skip FIT!
- Teaching staff is here to help you learn
  - Marilyn, Marc, Kelly, and D.A.

FIT100 may be the coolest class you ever take!