FIT 100 9/26/2007

### Welcome to FIT100

(CSE100 and INFO100)
Fluency with Information Technology

Please, take a syllabus

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### **About This Class**

Fluency with Information Technology --FIT for short--is the state-of-the-art IT 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

a FII class

### **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!

### The Content

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

### Lifetime of Learning

Why is lifelong learning emphasized?

 Consider a college education as a "product" with a 50 year "useful life"

Your career

 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

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### 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
- 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 --
- If this isn't the term, withdraw so some other student can have a chance

### **Class Mechanics**

### Text Book

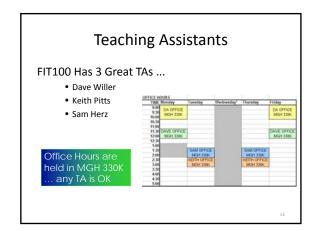
Fluency with Information Technology L. Snyder, Addison-Wesley

### All details are in the syllabus Grading

- Labs and Assignments
- 3 Projects (each with 2 or more parts)
- 10 Quizzes: unannounced in lab
- 20 Reflections: Unannounced, on readings

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## FIT100 Announcements 6 announcements that affect YOU - TAs and Office Hours - Computer Basics Lab - FIT100 Web site - Calendar gives you control! - Readings - An Assignment



### **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!
- Join the Computer Basics Workshop

Wednesday 6:00-7:00 MGH 430 Thursday 5:30-6:30 MGH 030



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### 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,

espec. announcements

• Always check the Web page first!

# The Calendar gives you control ... The Calendar gives you control

## 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 reflection papers

For Friday read Chapter 1

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

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### 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 at lecture

f you're here hoping to register for FIT100 when someone drops, do assignment 1.

### Reflection

Label a piece of paper at the top with:

- Your name
- FIT100
- Today's date: 9/26/2007

Choose one of these topics:

- Describe your previous experience with technology.
- Describe your first encounter with technology.

Write two paragraphs

Starting now..

### 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
  - David, Keith, Sam, and D.A.

FIT100 may be the coolest class you ever take!