



# *Welcome to FIT100*

*(CSE100 and INFO100)*

*Fluency with Information Technology*

D.A. Clements, Instructor



## *Announcement*

### **New Room for Quiz/Lab Sections**

- All lab sessions will be held in **MGH 430**.



## *Announcement*

### **Schedule changes**

- Lab Section AE has moved to WF 8AM
- Lab Section AF has moved to WF 9AM

### **Details—see handout**

- Dowell Eugenio, Informatics Advisor, will review options



## *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



## *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





## *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 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](http://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 12



## *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"

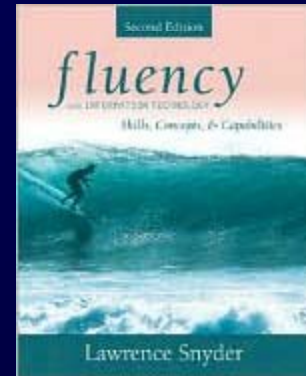
- If you can commit to FIT -- Welcome
- If this isn't the term, withdraw so some other student can have a chance



## *Class Mechanics*

### Text Book

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



### Grading

All details are in the syllabus

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



## *FIT100 Announcements*

### 6 announcements that affect YOU

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

See  
Announcements!



# Teaching Assistants

## FIT100 Has 3 Great TAs ...

- Dave Willer
- Keith Pitts
- Sam Herz

Office Hours are held in MGH 330K ... any TA is OK







## *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 ← Tonight!

Thursday 5:30-6:30 MGH 030



## *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*

The Calendar gives you control ...

Date	Day	Lecture Topic	Due Dates for Readings	Lab Topic	Homework	Summary
Jan 7	Mon	Introduction Print				Become familiar with the FIT web site and UW computing facilities.
Jan 8	Tue			UW Network Resources (L1)		
Jan 9	Wed	Le Mot Juste Print	Chapter 1	UW Network Resources (L1)	HW 1 Assigned	Why are there strange words in computing, and why to learn them.
Jan 10	Thu			Directories (L2)		
Jan 11	Fri	Digerati Print	Chapter 2	Directories (L2)	HW 1 Due beginning of lecture	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 and reflection papers

For Friday read Chapter 1

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



## *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, Stuti, and D.A.

FIT100 may be the coolest class you ever take!



## *Schedule Changes*

Dowell Eugenio, Informatics Advisor,  
will explain the options