FIT100

Welcome to FIT100

(CSE100 and INFO100)
Fluency with Information Technology

D.A. Clements, Instructor

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FIT100

Announcement

New Room for Quiz/Lab Sections
• All lab sessions will be held in **MGH 430**.

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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

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About This Class

Fluency with **I**nformation **T**echnology
--**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

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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!

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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

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Lifetime of Learning

FIT100

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?

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Lifetime of Learning

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- 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

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

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Is FIT100 for You?

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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

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But, Maybe Not

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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

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Some Stats

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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

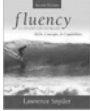## Taking FIT Is Worth It

FIT100

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

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Class Mechanics

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Text Book

Fluency with Information Tech-nology L. Snyder, Addison-Wesley

fluency

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

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FIT100 Announcements

FIT100

6 announcements that affect YOU

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

See Announcements!

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Teaching Assistants

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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

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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

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Class Web Page

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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!

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The Calendar

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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.

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Readings

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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?   20

Summary

FIT100

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!

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Schedule Changes

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Dowell Eugenio, Informatics Advisor, will explain the options

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