
Introduction

INFO/CSE 100, Autumn 2004
Fluency in Information Technology

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

Readings and References

- Reading
 - » *Fluency with Information Technology*
 - All reading assignments will be from this textbook
- References
 - » **ALL** information about this class is on the web <http://www.cs.washington.edu/100>
 - » See the Other Links page for further info about some of the systems mentioned in these slides

About This Class

- Fluency with Information Technology (FIT)
 - » This is the state-of-the-art IT class for non-techies
 - Fluency is better than computer literacy
 - FITness concept from National Science Foundation 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 technology
 - » You will use Information Technology freely and easily to do the things you want to do
 - » Technology will not “be in the way”
 - » You will be able to recover from bugs, errors or unexpected situations

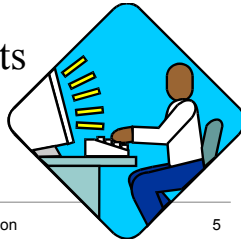


You will be in control and confident ...
... now and in the future!



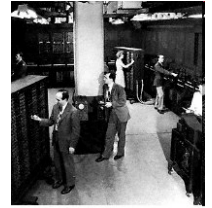
The Content

- 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

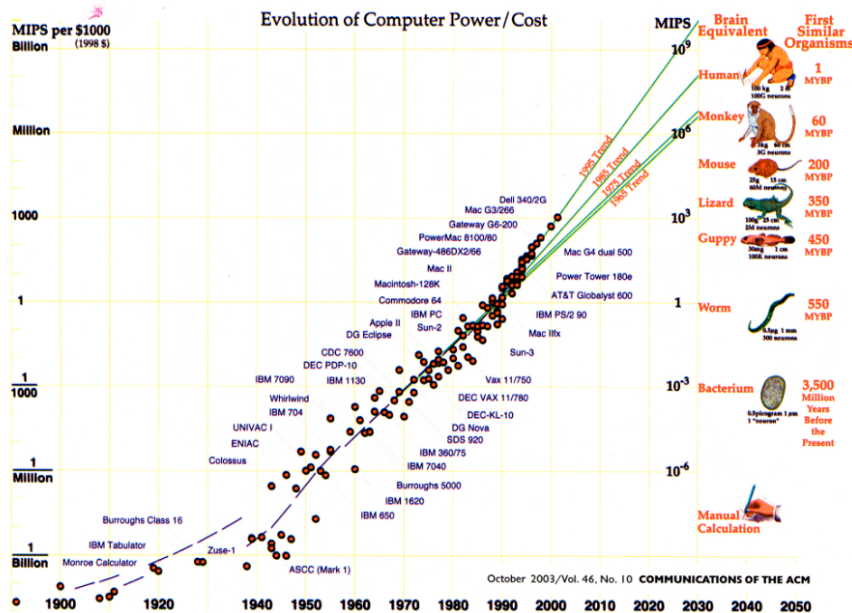
Eniac	Completed:	1946
	Programmed:	plug board and switches
	Speed:	5,000 operations per second
	Input/output:	cards, lights, switches, plugs
	Floor space:	1,000 square feet





- Why is lifelong learning emphasized?
 - » A college education has about a 55 year “useful life”
 - » What to teach the class of 1944?
 - The first computers were developed in the early 1940's
 - First packet sent on “Internet” in 1969
 - PC as “Personal computer” used in ~1980
 - WWW came “on the scene” in 1994



And looking to the future, it's even more amazing ...



A Career of Learning

- Learn ... 
 - » how to continuously learn new things
 - » how to stay comfortable even though you don't know everything about a particular topic
- You are going to get the chance to work on some fantastic things during your career that we can only speculate about now
 - » Enjoy the ride! 

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 CSE 142

Is FIT100 for You?

- Take FIT100 if you ...
 - » Want to learn application & science of information technology (IT)
 - » Want to prepare for a lifetime of expanding your use of IT
 - » 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. For that, see:
<http://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
 - » You expect someone else to do the work

FIT100 is offered every term ... take it later

Some Thoughts about Grades

- 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 ...
 - » 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 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



Text



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The Information School - INFO/CSE 100 Home page

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Announcements archive
Bulletin board
Send signed email
Send anonymous email
Administration
Syllabus
Grading
Academic Conduct
Accommodations
Software

Fluency in Information Technology
Skills, Concepts, and Capabilities. Use it, understand it, and enjoy it!

Instructor
Doug Johnson
Office Hours: WF 2:30-3:20 PM (and by appointment) in [CSE 270](#)

Teaching Assistants
Sandra Fan
Office Hours: TBD. Also by appointment.
Ok Nam Park
Office Hours: TBD. Also by appointment.
Suzi Soroczak
Office Hours: TBD. Also by appointment.

Meeting times and locations
All lectures are in [MGH 389](#)

http://www.cs.washington.edu/education/courses/cse100/04au/index.html

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

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

For Wednesday read [CSE 100](#)

An Assignment

- Assignment 1 is a treasure hunt
 - » Find the class web page
 - » Locate Assignment 1
 - » Print it out
 - » Using the syllabus, answer the questions
 - » Turn it in Friday in class

If you're here hoping to register for FIT100 when someone drops, 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

FIT100 may be the coolest class you ever take