



Introduction

INFO/CSE 100, Spring 2006

Fluency in Information Technology

<http://www.cs.washington.edu/education/courses/100/06sp/>

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Readings and References

- Reading
 - Fluency with Information Technology, 2nd Ed
 - » All reading assignments will be from this textbook
- References
 - ALL information about this class is on the website <http://www.cs.washington.edu/education/courses/100/06sp/>
 - See the OtherLinks page for more information about the topics mentioned in the slides

About This Class

- Fluency with Information Technology (FIT)
 - This is the state-of-the-art IT class for non-technies
 - » Fluency is better than computer literacy
 - » FITness concept from the National Science Foundation
 - » FITness teaches how to use IT today...
 - » ... and how to learn IT throughout Life

Being Fluent

- FIT 100 teaches you to be fluent with technology
 - You will use Information Technology freely and easily to do 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 with IT

The Content

- FIT100 helps you become fluent by teaching
 - *Skills* like email and data processing
 - *Concepts* like how networks work, building Web pages with HTML
 - *Capabilities* like how to find accurate information on the WWW and debugging
- Integrates content by using projects

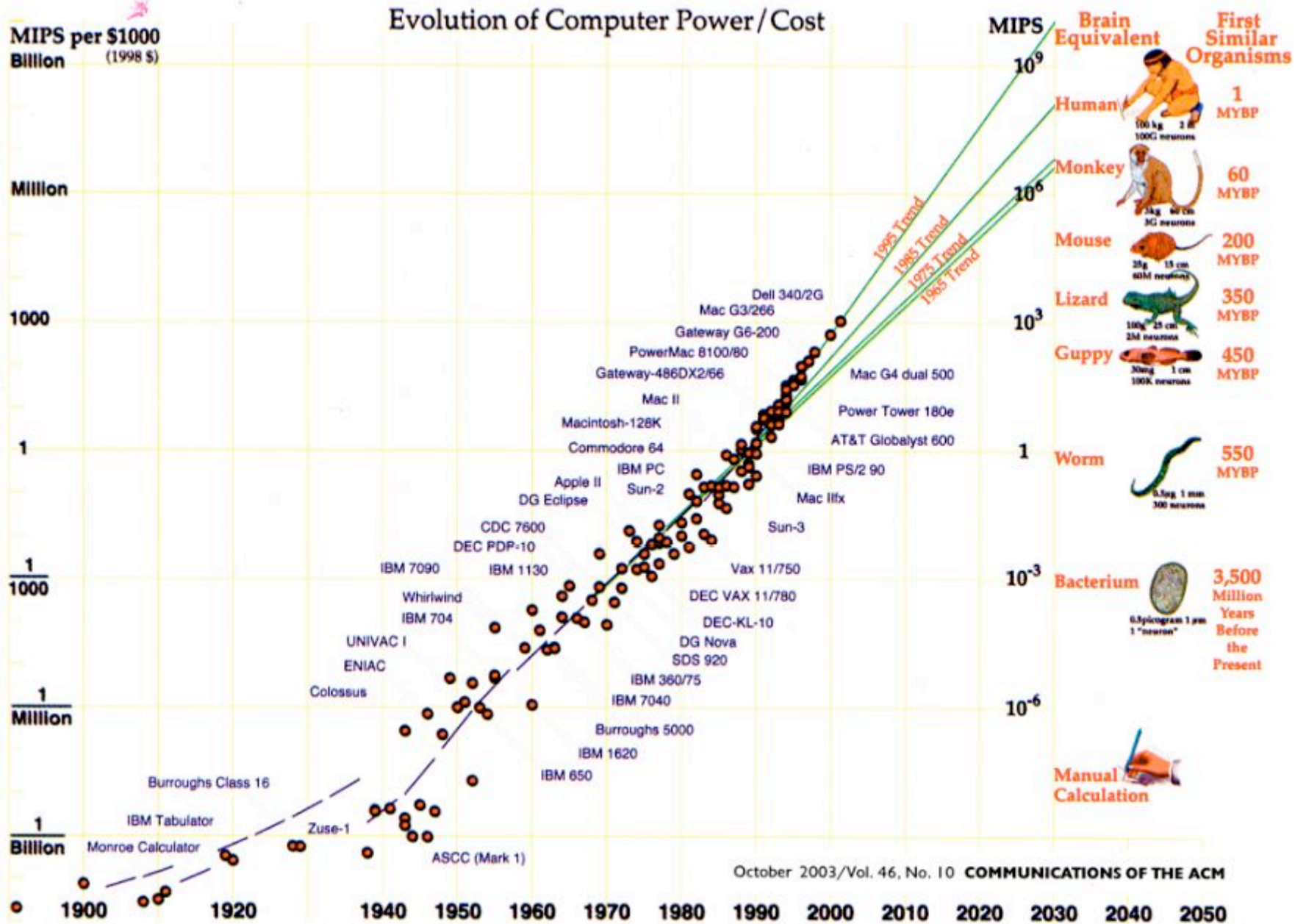


Overview of Course of Student

- HTML and web page creation
- Javascript and basic programming skills
- Relational Database creation using MS Excell and MS Access

Lifetime of Learning

- Why is lifelong learning emphasized?!?
 - A college education has about a 55 year “shelf life”
 - What were they teaching the class of 1950?
 - 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



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FIT100-01-Introduction @ University of Washington

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 on now!



CSE100/INFO100

- FIT100 is offered by the Computer Science & Engineering (CSE100) and the Information School (INFO100)
 - It doesn't matter which you registered for
 - FIT100 has no prerequisites except being a UW student
 - FIT100 is for non-technical students
 - If you are a “techie” or you plan to major in science, engineering, etc... take CSE142



Is FIT100 for you?

- Take FIT100 if you...
 - Want to learn about the application and science of information technology (IT)
 - Want to prepare for a lifetime of learning IT
 - Are willing to think and study extensively
 - Can attend all classes and labs
 - Can devote 5-credits of student this term

But, Maybe Not

- Do not take FIT100 if ...
 - You only want to learn a few skills like word processing, email, navigating the web for that see: <http://www.washington.edu/computing/catalog/gen/Catalog.html>
 - You don't have time to attend class and lab
 - You want a good grade with little work
 - You expect someone else to do the work
- FIT100 is offered every term, except summer!

Some Thoughts about Grades

- Looking at the numbers...
 - 4.0-2.0 Students who passed with a 2.0 or better came to all classes, read the book, came to all labs, and took all the exams
 - 1.9-0.0 Students who did poorly skipped classes, skipped labs, didn't attempt parts of their projects
 - Students in recent quarters were sent to the conduct committee and received academic probation

Readings

- We will follow the book Fluency with Information Technology closely
 - Readings are assigned for each class
 - Reading the material BEFORE class will...
 - » Make the lectures more useful
 - » Prepare you for unannounced quizzes
 - What do you do if you don't know what has been assigned?

An Assignment

- Assignment 1 is a treasure hunt
 - Find the class web page
 - Locate Assignment 1
 - Print it out
 - Use the syllabus to answer the questions
 - Turn it in Friday in class!