



# Introduction

INFO/CSE 100, Spring 2005

Fluency in Information Technology

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

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# 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 website <http://www.cs.washington.edu/100>
  - 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

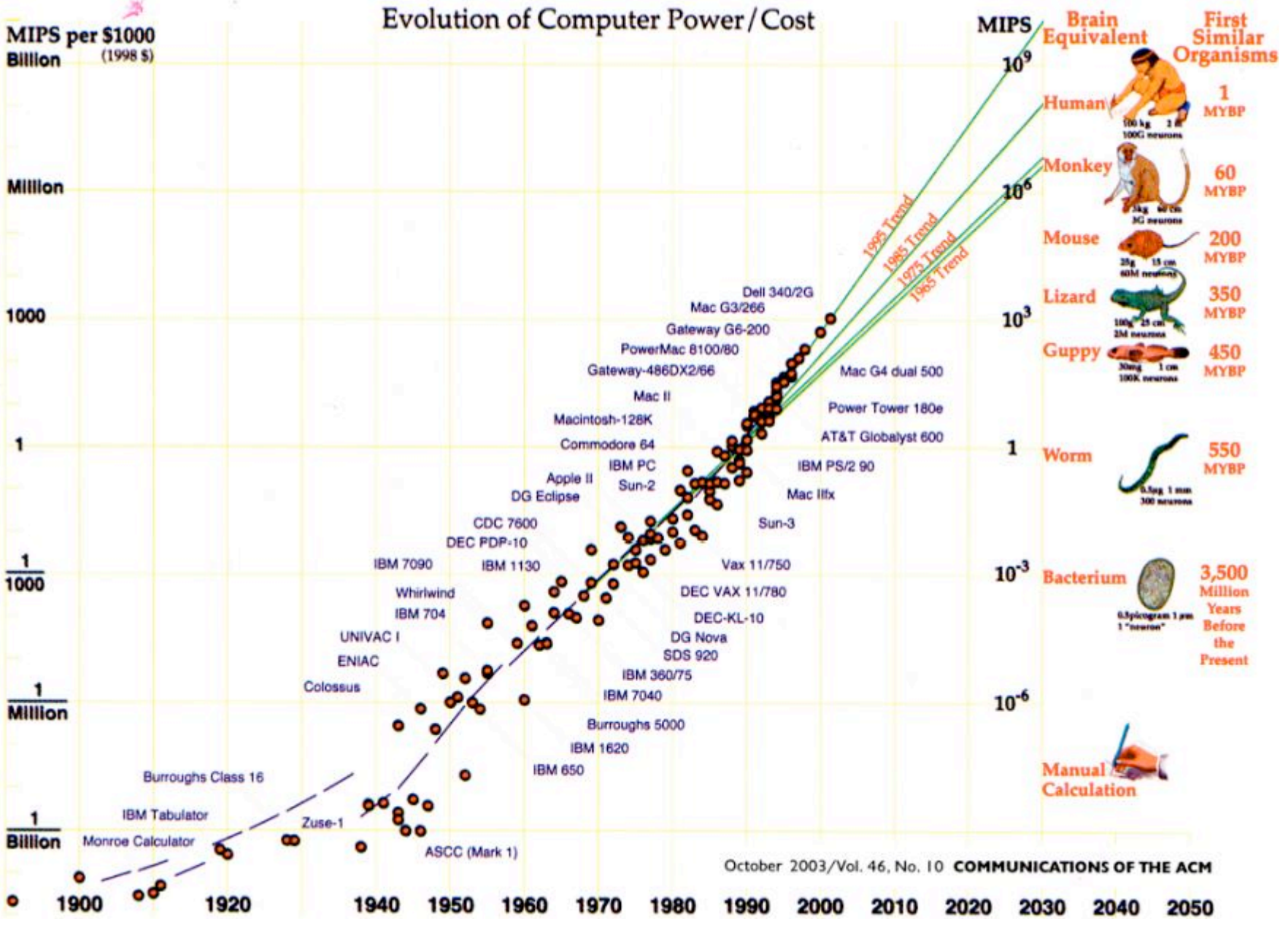
- FIT100 helps you become fluent by teaching
  - *Skills* like email and data processing
  - *Concepts* like how networks work, building Web pages with HTML
  - *Capabilities* like how to find accurate information on the WWW and debugging
- Integrates content by using projects

# Overview of Course of Student

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

# Lifetime of Learning

- Why is lifelong learning emphasized?!?
  - A college education has about a 55 year “useful life”
  - What were they teaching the class of 1944?
    - 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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# 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!

# 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!