
Welcome to FIT100

(CSE100 and INFO100)

Fluency with Information Technology

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CSE100/INFO100

FIT100 is offered by the 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

Video

- Background and History

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

Video

- Skills, Concepts, and Capabilities

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

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

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

- ❑ 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

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”

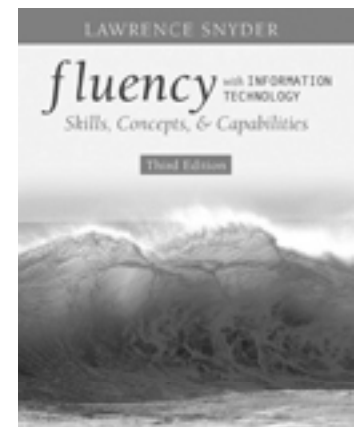
- If you can commit to FIT -- Welcome
- If this isn't the term, withdraw so some other student can have a chance

Class Mechanics

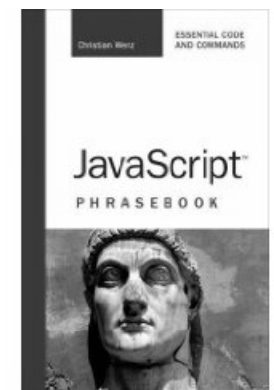
Textbooks

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

All details are in the syllabus



JavaScript Phrasebook, C. Wenz, Sam's
Publishing



Clickers

Class Mechanics

Grading

- 13 Labs and Homework Assignments
- 3 Projects (each with 2 parts)
- 19 QuickClick Quizzes during lecture
- 10 pop Quick-Writes during lecture

All details are in the syllabus

FIT100 Announcements

6 announcements that affect YOU

- ❑ TAs and Office Hours
- ❑ FIT100 Web site
- ❑ Calendar gives you control!
- ❑ Readings
- ❑ An Assignment

See
Announcements!

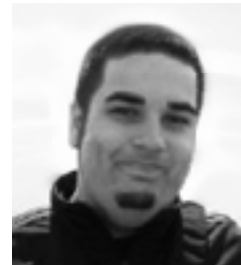
Teaching Assistants

FIT100 Has 3 Great TAs ...

- Yuan Lin (AC and AE)



- Kayhan Atesci (AA and AB)



- Shreyas Verma (AD and AF)



Tutor

And one great tutor!

- Akshay Bhagwatwar



Get Help When You Need It!

- Drop-in labs (TBD)
 - MWF 1130-1220
- Instructor's office hours (MGH 330J)
 - Tues. 330-420
 - Fri. 130-220
- Tutoring at CLUE (MGH Commons)
 - Sun. 630-8pm

Drop-In Labs

Many students come to FIT100 knowing email, WWW, word processing

But, if you have never used a PC ...

- ❑ Do not fear FIT100!
- ❑ Expect a steep learning curve
- ❑ Come to the drop-in labs for more one-on-one time

Class Web Site

FIT100 maximizes computers & Internet

- Class Web site ... memorize it!

<http://courses.washington.edu/fit100/>

Everything you need to know will be on the site,
especially announcements

- Always check the Web page first!

The Calendar

The Calendar gives you control...

Course Calendar

Week 1 • 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 • 11 • Finals

To print weekly schedules, click on Weekly Schedules in the left navigation bar.

Video Screencasts are available approximately two hours after each lecture.

Week 1—Getting Started

Date	Day	Lecture Topic	Readings	Labs	Homework
Sep 24	Wed	Introduction [slides] [pdf] [handouts]		Lab 1 UW Network Resources [Instructions]	HW 1 assigned [WebQ]
Sep 25	Thu			Lab 1 UW Network Resources [Instructions]	
Sep 26	Fri	Terminology [slides] [pdf] [handouts]	<i>Fluency</i> , ch 1		

Readings

We will follow *Fluency with Information Technology (FIT)* closely

Readings are assigned for each class

Reading the material *before* class...

- makes the lectures *much* more useful
- prepares you for the QuickClick quizzes and Quick-Writes

For next class read Chapter 1

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

An Assignment

Homework 1 is a Treasure Hunt

- Wait to start it until after this week's Lab 1
- Find the FIT100 web page
- Find the HW1 link on the Calendar
 - Go to the Catalyst WebQ online
 - Using the syllabus, answer the questions
 - Submit it online it in before 10pm on Monday, 9/29/2008

If you're here hoping to register for FIT100 when someone drops, do Lab 1 and HW1. Attend lab.

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
 - Yuan, Shreyas, Kayhan, and D.A., and Akshay at CLUE

FIT100 may be the coolest class you ever take!