First Day Administrivia

Dr. Michele Weigle
Department of Computer Science
Old Dominion University
mweigle@cs.odu.edu

http://www.cs.odu.edu/~mweigle/CS312-F11/

Internet Concepts
First Things First…

◆ Weigle
  » pronounced "Why-gull"

◆ Course website
  » syllabus
    ❖ you are responsible for knowing all policies in the syllabus
  » announcements, clarifications, FAQs posted
    ❖ check website before emailing me a question
  » lecture notes and assignments will be posted on the schedule page before class
    ❖ read lecture notes before class
    ❖ bring lecture notes to class and take additional notes
      ♦ save a tree - print double-sided!
Internet Concepts

First Things First…

◆ Blackboard
  » posting grades
  » sending email to the class
    ❖ so, check your ODU email account

◆ Email
  » check your ODU email every day!
    ❖ or forward it to some account you do check every day
  » sign up for mailing list
    ❖ [http://list.odu.edu/mailman/listinfo/cs312-mcw](http://list.odu.edu/mailman/listinfo/cs312-mcw)

◆ Unix Computer Account
  » you must have a CS department Unix account
  » see me today if you don’t have one

Internet Concepts

So, what things will we learn?

◆ How does the Internet work?
  » What are the protocols used to access web pages, send and retrieve email, transfer files?
  » How does information traverse the Internet to get from client to server and back again?
  » What causes delay and loss in the Internet and how does that affect Internet applications?

◆ How is Internet content produced?
  » What are wikis and blogs?
  » How does Internet search work?

◆ How can I create Internet content?
  » How can I use HTML, CSS, JavaScript, PHP, etc. to build webpages?
Internet Concepts
How Does This Course Fit With Others?

◆ Preparation for
  » CS 418 – Web Programming
  » CS 455 – Intro to Networking

◆ Must have a 'C' or better in CS 312 to take CS 418 or CS 419 (Internet Databases)

General Course Outline

◆ Broad overview of Internet applications

◆ Introduction to Internet networking concepts
  » hosts, routers, protocols, delay, loss

◆ Introduction to popular Internet protocols
  » HTTP (web), Email, DNS

◆ Creating Internet content – rest of semester
  » HTML, CSS, JavaScript, XML, PHP
**Administrivia**

**Prerequisites**

- CS 252 – Introduction to Unix for Programmers

- You should be comfortable with the UNIX file system and basic UNIX commands
  - Examples:
    - `% chmod 755 public_html`
    - `% tar xzvf some_software.tar.gz`

- You should be comfortable with Java and comfortable learning new languages

**Administrivia**

**Textbook**

- *CS 312 Internet Concepts*
  - Special edition textbook
  - Three chapters of *Computer Networking: A Top-Down Approach* by Kurose and Ross
  - Several chapters from *Web Development and Design Foundations with XHTML* by Felke-Morris.
  - Optional

- Many of our references will also be found online.
Administrivia
Honor Code

◆ All assignments, unless explicitly specified, are to be completed on your own

◆ ODU Honor Council  http://orgs.odu.edu/hc/
  » cheating, plagiarism, unauthorized collaboration
  » all students are responsible for knowing the rules

◆ Evidence of cheating, plagiarism, or unauthorized collaboration will result in a grade of 0 for the assignment/exam and will be submitted to the CS department for further review

Administrivia
Honor Code

◆ No sharing of code is allowed. This includes discussion about the design of a project solution.

◆ Tips to avoid cheating (even inadvertently)
  » Don’t start at the last minute
  » Don’t sit next to each other in the lab and talk about the assignment while you’re working on it
  » Ask the instructor if you’re stuck
    ✤ which means that you can’t start at the last minute…
  » Remember the late policy (to be discussed later)
    ✤ I’d rather you turn in something late than cheat
Administrivia

Grading

- Project Assignments 35%
- Homework Assignments 20%
- Mid-Term Exam 20%
- Final Exam 20%
- Participation / Quizzes 5%
  » some quizzes may be unannounced

Administrivia

Assignments

- Written homework (anything where a hard copy is submitted) is due at the *start of class* on the due date
  » Anything handed in after I start lecturing is considered late
    ✷ *Don’t be late for class!*

- Electronically submitted project assignments are due *before midnight* on the due date
  » Unexcused absences on a project due date will count against your participation grade
    ✷ *Don’t skip class to finish your assignment!*

- Penalties:
  » 0-24 hours late: -5%
  » 25-48 hours late: -10%
  » over 48 hours late: not accepted, grade = 0
Administrivia
Where to go for help?

◆ Ask questions in class!
◆ Attend office hours
  » MW 2-3pm, Tu 10-11am, or by appointment (send me an email)
  » E&CS 3214
◆ Send questions via e-mail, but...
  » Think about what you are asking before you ask!
  » Know the difference between an "office hour question" and an "e-mail question"
  » Don't depend on an immediate answer
  » Include the phrase "CS 312:" in your subject line
◆ E-mail v. Office Hours: Your primary avenue for resolving questions is office hours

Administrivia
How to do well in this course

◆ Attend class regularly
  » Ask questions!
  » Exercise your understanding of course material on a daily basis
◆ Read over lecture notes before class
  » Take more notes during class
◆ Study the homework and in-class "thought" problems
  » Don't just “do” the homework
◆ Take (and study your) notes!
  » Beware the “But I understand this” syndrome
How To Do Well
Last Things

◆ Coding on Unix machines
  » easiest to use XWin (displays Unix windows on your PC) and an editor like emacs

◆ Note the “Useful Links” listed on the course webpage
  » especially Unix, emacs tutorials
  » references for course material will be posted here throughout the semester
  » don’t ask me questions that you can find the answers to yourself
    ✤ don’t ask me to be “Google” for you

◆ Get started early

CS 312
Introductions

◆ About Me
  » I’m from Louisiana
    ✤ so, I’m a huge Saints, LSU, and college football fan
  » I got my PhD from UNC
    ✤ I’m a pretty big Tarheel fan, too
  » My research area is networking

◆ Your Turn!
  » Name
  » Major / Year
  » Hometown
  » Something interesting about yourself