

Computer Sciences 302

Introduction to Programming

Laura Hobbes LeGault

UW-Madison

23 January 2013

Where The Hell Are We

Introduction
to
Programming

Laura Hobbes
LeGault

Introductions

Course
Information

Topics
Overview

Let's Try
Programming!

CS 302: Introduction to Programming - **Small** Lecture

Lecture: MWF 11-11:50 - 1289 CS

Lab: T 9:30-10:45 - 1368 CS

Who The Hell Am I

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Foul-mouthed Instructor: Laura **Hobbes** LeGault

Email: hobbes@cs.wisc.edu

Office hours: M 2-4p, TR 11a-12p - 3387 CS

Who The Hell Are You

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On an index card:

- 1 Your name
- 2 Year in school
- 3 Major
- 4 Favorite webcomic/comic strip

Hand them up to me!

Website

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Website: <http://pages.cs.wisc.edu/cs302-5/>

Announcements, PDF slide outlines for the class here
Also via email list once that's set up

Grades

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Let's Try
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- **10%** Labs
- **30%** Programming Assignments
- **60%** Exams

No curving, except maybe at the end of the semester.
Grades on Learn@UW.

MOAR Grades

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Max **5%** extra credit from any/all of these places:

- 1 Programming Assignments
- 2 Code Lab (\$)
- 3 The Wisconsin Idea

More information on the website.

Labs

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Again: T 9:30-10:45 - 1368 CS
Starting next week, hands-on partner programming

Programming Assignments

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Four assignments spaced throughout the semester:

YOU MAY WORK WITH A PARTNER

Rules for pair programming on the website.

Also, Piazza: use it.

Exams

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All exams are **evening exams**.

- 1 Midterm 1: Thursday 7 March, 5pm
- 2 Midterm 2: Thursday 11 April, 5pm
- 3 Final Exam: Wednesday 15 May, 12:25pm

If you have conflicts or accommodation requests, let us know before **8 Feb**.

Eclipse: Not Just A Twilight Sequel

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We are using **Java 7** for this course.

Note: not yet available for Mac OSX

<http://www.eclipse.org/> - Eclipse for Java Developers (Juno)

What The Hell Are We Talking About

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Mostly going in order through the book:

- 1 Data types (chapter 2)
- 2 Decisions (3)
- 3 Loops (4)
- 4 Arrays (6)
- 5 Methods (5)
- 6 Objects (8)
- 7 I/O and Exceptions (7)
- 8 Inheritance (9)

What The Hell Is A Computer

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- 1 CPU
- 2 Storage (memory, disk, etc)
- 3 Peripherals
- 4 Network

Sorting People

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Problem: Sorting students in the class

- by age?
- by major?

Does anyone like the same comic?