CS130 Software Tools

Spring 2013

Professor Chadd Williams

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Chadd Williams

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Office: 202 Strain

Office Hours

MW 1-2:30pm

Tu 11-noon
and by appointment

Course Website

- http://zeus.cs.pacificu.edu/chadd/cs130s13

  - Tentative Schedule
    - handouts
    - Assignments
  - Syllabus

Final Exam

- Thursday, March 14
- 4:30pm – 7 pm

How to Succeed

- Don't miss class.
- Take notes   - Get a binder!
- Practice!

- Start assignments early
  – they take longer than you think
- Do as much on your own as possible.

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How to Succeed

- Read the assignments carefully and follow all directions

- See me **as soon as possible** about any questions!

- Don't forget that you are at a small school!
  - and you are paying for it!

Assignments

Ask Questions!

- A series of problems to work
  - Build an Excel Workbook
  - Build an SPSS file

- Where can I work?
  - Marsh LL 12
  - Marsh LL 15
  - **Library**
    - Windows PCs or
    - Boot the Macs into Windows

Be sure to test your Excel/SPSS in **this** Lab.

I strongly recommend **against** using Excel on a **Mac** for your assignments!

The Mac and Windows versions of Excel are not 100% compatible.

How to send an effective email

To: chadd@pacificu.edu
From: hall4242@pacificu.edu
Subject: CS130: Formulas

Hi Chadd,
I'm working on the volume assignment
and I'm not sure how to calculate a cube
of a number in Excel. Any hints?

Thanks,
 Lesley

Homework #0 (5 points)

- Fill out the survey on the class schedule

- Bring a printed copy to my office

- DUE: By Friday (February 1) 4:00 pm

- Be prepared to discuss your answers!

Course Overview

- What is Computer Science?

- Why are you here?
  - What do you expect to get out of the course?

Course Overview

- CS130 is a course on the collection of tools and techniques that you will need to help you through your academic career and perhaps even in your own research if you chose that path

- We will cover design, creation, research, data collection, analysis and reporting of data and information for an academic setting

Key Points

- Understand the task at hand
  - select the appropriate tool

- Understand the tool and its limitations
- Not all tools are created equal and cover all aspects of every problem
- This is true regardless of what the vendor of the tool might tell you