1. INTRODUCTION TO SOFTWARE TOOLS

Spring 2017

Prof Lane

Chris Lane

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Office: Price 211

Office Hours: M: 10:30am – 11:30am
W: 1:00pm – 2:00pm
F: 10:30am – 12:00pm
or by appointment
Final Exam

Monday, March 20th

6:00pm-8:30pm

How to Succeed

• Don’t miss class.

• Take notes - Get a binder!

• Practice!

• Ask questions

• Start assignments early
  • they take longer than you think

• Do as much on your own as possible.
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!

Assignments

• A series of problems to work
  • Build an Excel Workbook
  • Build R scripts

• 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/R 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: lanec@pacificu.edu
From: hall4242@pacificu.edu
Subject: CS130 - Formulas

Dear Prof Lane,

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

P.S. Awesome class today!

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 choose 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