The ICS3C and ICS3U courses share a common outline and, unless indicated below, are differentiated in the assignments.

This is a work in progress and is constantly updated!

- 1. Administrivia 🗹
- 2. Something to Consider...
- 3. Web 2.0 Tools
- 4. Google Docs Overview
 - a. ICSxx Test Document (sign-req'd)
- 5. Tech is Cool Intro
- 6. Monsters Deconstruction
- 7. Inspiration
 - a. The magic ingredient that brings Pixar movies to life
- 8. Computers & Society
 - a. Text Messaging: Is it Safe?
 - b. The Digital You (Internet Addiction)
 - c. Teaching in the Digital Age Your Opinion
- 9. Programming
 - a. Basics of Computation (Video) [GC]
 - b. Binary Chairs Activity
 - c. Processing
 - d. App Inventor [primary resource?]
 - e. Python
 - i. <u>CS Circles Tutorial</u> [GC (ongoing)]
 - 1. Sorting Scramble Aid
 - ii. Python Tutorial (no longer used)
 - iii. Tests
 - 1. Python test [teacher link]
 - 2. String test [teacher link]
 - 3. Read Text File test [teacher link]
 - f. Program Header Requirements
 - g. Programming Challenges
 - h. Problems Based on ECOO "Java 11 Doc" [ECOO link] (PDF) [teacher link]
 - i. done in groups and individually
 - i. Flowcharting
 - i. Careers
 - i. Article: Computer Science is the Hottest Major on Campus
 - ii. Careers Article
 - iii. Careers Article II "Programming, Development Skills in Demand"
 - iv. <u>Job Interview Questions Assignment</u>
- 10. Summative Evaluation(s)
 - a. Final Programming Project
 - b. Self Evaluation [teacher link]

- c. Work Habits Self Evaluation [need to create assignment page w/ link to Google Doc]
- d. Course Evaluation

Old Items

- 1. College or University? (2009-2010 only)
- 2. ICS3C ActionScript
 - a. Graphics and Animation
 - b. Adding User Controls
 - c. Text and Creating Forms
 - d. Culminating Activity Creating Website Content
- 3. ICS3U ActionScript
 - a. Discovering IT
 - b. Taking Action with ActionScript
 - c. Making a List, Checking it Twice...
 - d. Culminating Activity
- 4. Final Programming Project [2009-2010 teacher link]
- 5. Final Independent Research Project
- 6. Portfolio
- 7. History of Programming Languages
- 8. Turing
 - a. Turing Graphics
 - b. Turing Tutorial

GoogleDoc URL: https://goo.gl/0yDO77