Proposed CompSci111/111G Lecture and Lab Schedule
2017 Semester 1

Week 1 (6th March – 10th March)
No lab this week
Lecture 1: Introduction, course overview, hardware, components of a computer system
Lecture 2: bits, bytes, digital information
Lecture 3: Software, licences, conventions

Week 2 (13th March – 17th March)
Lab 1: Introduction, using an operating system, WWW resources, email
Lecture 4: Introduction to networking and the Internet
Lecture 5: Electronic communication
Lecture 6: Publishing online using tools—blogs, wikis, etc.

Week 3 (20th March – 24th March)
Lab 2: Using the Internet—WWW, email, forums, blogs, wikis
Lecture 7: The World Wide Web, search engines, trusting information
Lecture 8: Social and Legal Issues
Lecture 9: Word processing, preferences, styles, references using RefWorks

Week 4 (27th March – 31st March)
Lab 3: Word processing
Lecture 10: LATEX (Part 1)
Lecture 11: LATEX (Part 2)
Lecture 12: Electronic Presentation and Web Design

Week 5 (3rd April – 7th April)
Lab 4: LATEX
Lecture 13: HTML5 introduction, basics
Lecture 14: HTML5, CSS
Lecture 15: HTML5, CSS

Week 6 (10th April – 14th April)
No labs this week
No lectures this week
Test held on Tuesday 11th April from 6:30pm–7:30pm

Mid-semester break: Monday 14th April – Friday 29th April. No lectures or labs

Week 7 (1st May – 5th May)
Lab 5: Creating web pages using HTML5
Lecture 16: Vector graphics and digital images
Lecture 17: Digital Game Design
Lecture 18: Digital Game Design

Week 8 (8th May – 12th May)
Lab 6: Web design using HTML5 and CSS
Lecture 19: Spreadsheets
Lecture 20: Spreadsheets
Lecture 21: History of Computing
**Week 9** (15\(^{th}\) May – 19\(^{th}\) May)
*Lab 7: Spreadsheets*
Lecture 22: Artificial Intelligence
Lecture 23: Databases
Lecture 24: Databases

**Week 10** (22\(^{nd}\) May – 26\(^{th}\) May)
*Lab 8: Databases*
Lecture 25: Programming in Python—introduction, printing to output, variables
Lecture 26: Programming in Python—loops and conditions
Lecture 27: Programming in Python—Turtle graphics

**Week 11** (29\(^{th}\) May – 2\(^{nd}\) June)
*Lab 9: Programming in Python*
Lecture 28: Special Topic – Simulations and Scientific Computing
Lecture 29: Exam Overview and Revision – Last lecture 😊

**Week 12** (5\(^{th}\) May – 9\(^{th}\) June)
*No lectures this week*
*No labs this week*