CompSci111/111G Lecture and Lab Schedule
2019 Semester 1

**Week 1** (4\(^{th}\) March – 8\(^{th}\) March)
*No lab this week – check out where the lab (303S-175) is*
Lecture 1: Introduction, course overview, hardware, components of a computer system
Lecture 2: bits, bytes, digital information
Lecture 3: Software, licences, conventions

**Week 2** (11\(^{th}\) March – 15\(^{th}\) March)
*Lab 1: Introduction, using an operating system, WWW resources*
Lecture 4: Introduction to networking and the Internet
Lecture 5: Electronic communication
Lecture 6: Publishing online using tools — blogs, wikis, file sharing

**Week 3** (18\(^{th}\) March – 22\(^{nd}\) March)
*Lab 2: Using the Internet—WWW, 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** (25\(^{th}\) March – 29\(^{th}\) March)
*Lab 3: Word processing*
Lecture 10: Health and Technology
Lecture 11: Spreadsheets
Lecture 12: Spreadsheets

**Week 5** (1\(^{st}\) April – 5\(^{th}\) April)
*Lab 4: Spreadsheets*
Lecture 13: Vector graphics and digital images
Lecture 14: Databases
Lecture 15: Databases

**Week 6** (8\(^{th}\) April – 12\(^{th}\) April)
*No labs this week
No lectures this week*
**Test** held on Thursday 11\(^{th}\) April from 6:30pm–7:30pm

**Mid-semester break:** Monday 15\(^{th}\) April – Friday 26\(^{th}\) April. No lectures or labs

**Week 7** (29\(^{th}\) April – 3\(^{rd}\) May)
*Lab 5: Databases*
Lecture 16: Programming in Python — introduction, printing to output, variables
Lecture 17: Programming in Python — loops and conditions
Lecture 18: Programming in Python — turtle graphics
**Week 8 (6th May – 10th May)**

*Lab 6: Python Programming*

Lecture 19: Digital Games
Lecture 20: LaTeX
Lecture 21: LaTeX

**Week 9 (13th May – 17th May)**

*Lab 7: LaTeX*

Lecture 22: Electronic Presentation, Web Design, HTML5 basics
Lecture 23: HTML5, CSS
Lecture 24: HTML5, CSS

**Week 10 (20th May – 24th May)**

*Lab 8: Web Design – HTML5*

Lecture 25: History of Computing
Lecture 26: Artificial Intelligence (AI)
Lecture 27: Artificial Intelligence (AI)

**Week 11 (27th May – 31st May)**

*Lab 9: Web Design - CSS*

Lecture 28: Revision
Lecture 29: Exam overview and revision – Last lecture 😊

**Week 12 (3rd June – 7th June)**

*No lab this week*

No lectures this week
Queen’s birthday on Monday 3rd June.