Full course

Session #	Session Title	Content/Deliverables
1 (Light)	*Five Easy Pieces for Windows and Mac*	This session is a series of five loosely-connected tricks, meant to serve as an introduction to the course. After this session, students should: • Understand how and why to use the Snipping Tool. • Know some CTRL-* keyboard shortcuts. • Understand how to write simple webpages in Notepad. • Know how to use Inspect Element and View Source. • Have a general idea of Excel's more advanced features.
2 (Heavy)	*Linux and Python (and number theory)*	This session focuses on implementing 'fizzbuzz' in Python on a Linux computer. Students should end the session capable of using Debian Linux, Python, and the command line.
3 (Light)	*Unconventional Cybersecurity*	This session explains and demonstrates some security and cryptography topics, including use of VPNs, email spoofing, and data recovery. Students should end the session with a general understanding of how best to protect their privacy.
4 (Heavy)	*HTML and JavaScript (and psychological testing)*	This session takes students through the process of writing a webpage for testing the Stroop effect, using Jsbin. Students should end the session capable of using Jsbin to write HTML and Javascript.
5 (Light)	*Git and Project Prep*	The first half of this session focuses on understanding version control systems, especially Git, which students will be using to manage their projects. The second half gives them time to form teams, choose projects, and begin work on them. Students should end the session with an understanding of Git, and prepared to work on projects over the following week.
PROJECT		A week to focus on project work. Students should end the week with at least one completed webpage OR simulation OR miscellaneous other finished product.
6 (Light)	*Project presentation and recap*	The first half of this session focuses on letting students present their completed projects to each other. The second half is spent quickly revisiting the content of the first five sessions. Students should end the session with more understanding of the previous sessions' topics.
7 (Heavy)	*Slightly Less Basic Linux*	This session gives students more experience using Linux functionality. Students should end the session capable of installing new programs, and writing basic shell scripts. They should also be familiar with some of the more common Linux commands, like find, grep and history.
8 (Light)	*Relevant Organisations and Social Movements*	This session introduces some organisations which are likely to be helpful to people at the beginning of a tech career. Students should end the session familiar with Freeformers, 80000 Hours, the Free Software movement, and others.
9 (Heavy)	*Disassembly and Reassembly*	This session focuses on dissecting and rebuilding laptops. Students should end the session with a more direct understanding of hardware (RAM, CPU, Hard Drives etc.), the means to repair their own devices, and an understanding of what repair jobs they should actually attempt.
10 (Light)	*Career Advice*	This session concludes the course. It focuses on practical career advice for tech workers at the start of their career. Students should leave with a decent idea of their options.

Pilot course

Session Title	Content/Deliverables
Five Easy Pieces for Windows and Mac	This session is a series of five loosely-connected tricks, meant to serve as an introduction to the course. After this session, students should: • Understand how and why to use the Snipping Tool. • Know some CTRL-* keyboard shortcuts. • Understand how to write simple webpages in Notepad. • Know how to use Inspect Element and View Source. • Have a general idea of Excel's more advanced features.
HTML and JavaScript (and psychological testing)	This session takes students through the process of writing a webpage for testing the Stroop effect, using Jsbin. Students should end the session capable of using Jsbin to write HTML and Javascript.