

CS100 Fall 2015: Topic and Assignment Calendar

Week	Date	Due	Topic	Reading
2	Tues 9/1	N/A	Ms. Emily Dotson – eStudio Intro to CS100, the CS Department, and the CS Major [Seales]	N/A
3	Tues 9/8	HW 1 “Selfie”	Ms. Ilka Balk – UK Career Services <ul style="list-style-type: none"> • Talking to employers + resume writing • Career Fair 	Hungry Software
4	Tues 9/15	HW 2 “Resume”	Mr. Jim Webb, Mr. Nathan McConathy – Corrisoft What is Computer Science? Part I [Seales] (UK CS Department Picnic to follow class)	Ten Reasons
5*	Tues 9/22	N/A	Mr. Jim Schroder – UPS Louisville What is Computer Science? Part II [Seales] Team Geek: “The Genius Programmer”	1
6	Tues 9/29	N/A	Internship Day: Stories from Interns The Magic of Computing [Seales] Algorithms, Powers of 2, Sorting	Internship(s)
7	Tues 10/6	HW 3 “Numbers”	Dr. Ruigang Yang – UK Computer Science Faculty Team Geek: “Building an awesome team culture”	2
8	Tues 10/13	N/A	Mr. Lucas Cockerham – Hewlett Packard Software and Media Convergence [Seales] Team Geek: “Every boat needs a captain”	3
9*	Tues 10/20	Quiz 1	Quiz review, and quiz	[Review]
10	Tues 10/27	M1 (HW4) “Prototype”	Mr. Chris Etesse – Flat World Knowledge Team Geek: “Dealing with poisonous people”	4
11	Tues 11/3	N/A	Mr. Scott Heydinger – Lexmark Team Geek: “The art of organizational manipulation” Sorting, MapReduce	5
12	Tues 11/10	M2 (HW4) “Testing”	Industry Partner – TBA Team Geek: “Users are people too”	6
13*	Tues 11/17	Q&A prep	Mr. Brian W. Fitzpatric (Fitz) – Google Software Engineering and Working In Teams	[Review]
14	Tues 11/24	M3 (HW4) “Reporting”	Mr. James Pack – Google Engineer <ul style="list-style-type: none"> • Being an Engineer at Google • Planning for your career 	Huh?
15	Tues 12/1	Quiz 2	Ethics and Professional Responsibility [Seales] Quiz review, and quiz	Kim Dotcom
16	Tues 12/8	HW 5 “Perf”	Entrepreneur Day Mr. Brian Raney – Awesome, Inc. Course evaluation and survey	Twitter
Final	N/A	NO FINAL EXAM for this course		N/A

*Calculus I students may be dismissed at 4:50pm on 9/22, 10/20, and 11/17 for exams

Chapter numbers in the “Reading” column on the syllabus refer to chapters in the book *Team Geeks: A Software Developer’s Guide to Working Well With Others* (by Brian Fitzpatrick and Ben Collins-Sussman, O’Reilly Media, ISBN-13: 978-1449302443).

The tags that appear in the “Reading” column of the syllabus are available as indicated at the following links:

1. Hungry Software

“Why Software is Eating the World”

<http://www.wsj.com/articles/SB10001424053111903480904576512250915629460>

2. Ten Reasons

“Top Ten Reasons to Major in Computing (Association for Computing Machinery: Degrees and Careers)”

http://computingcareers.acm.org/?page_id=4

3. Internship(s)

“Making the Most of Your Internship(s)”

http://www.quintcareers.com/internship_success.html

4. Huh?

“Huh? Schools Think Kids Don’t Want to Learn Computer Science”

<http://www.wired.com/2015/08/schools-dont-think-kids-want-learn-computer-science/>

5. Kim Dotcom

“Kim Dotcom and The Megaupload Story” (Wired Magazine)

<http://www.wired.com/2012/01/kim-dotcom/>

6. Twitter

“How Twitter Was Founded” (Business Insider)

<http://www.businessinsider.com/how-twitter-was-founded-2011-4>