

CIS 115 - Introduction to Computing Science (Spring 2013)
Section B (TU) Schedule (as of 1/23/2013)

Lecture	Day	Topic / Blog Article	Reading (Before Class)	Team Topic Prep	Faculty Video
1	1/22/2013	What is Computing Science?			
2	1/24/2013	Early Computing Machines	POTS 1 - Nuts and Bolts		
3	1/29/2013	Bits and Boolean Algebra	POTS 2 - Universal Building Blocks		
4	1/31/2013	Programming	POTS 3 - Programming		
	2/3/2013	Blog 1 - Personal Biography			
5	2/5/2013	Universal Computers	POTS 4 - How Universal are Turing Machines?	A - Historical Programming Languages	
6	2/7/2013	Algorithms	POTS 5 - Algorithms and Heuristics	B - Finite State Machines	1 - Dennis Lang
	2/10/2013	Blog 2 - Historical Figure in Computing			
7	2/12/2013	Encoding Data	POTS 6 - Memory: Information and Secret Codes	C - Important Algorithms	2 - Julie Thornton
	2/13/2013	Scratch Competition 1 (5:30pm) - TBA			
8	2/14/2013	Embedded Systems	POTS 7 - Speed: Parallel Computers	D - Data Compression	3 - Gurdip Singh
	2/17/2013	Blog 3 - Algorithms in Daily Life			
9	2/19/2013	Artificial Intelligence	POTS 8 - Computers that Learn and Adapt	E - Hobbyist Embedded Systems	4 - Scott DeLoach
10	2/21/2013	Human Computer Interaction	POTS 9 - Beyond Engineering	F - Human Computer Interaction	5 - Dave Schmidt
	2/24/2013	Blog 4 - Computer Systems in Daily Life			
11	2/26/2013	Information Technology	TUBES 1 - The Map	G - Operating Systems	6 - Robby
12	2/28/2013	History of the Internet	TUBES 2 - A Network of Networks	1 - IT Specializations	
	3/3/2013	Blog 5 - The Pattern on the Stone - Making Meaning			
13	3/5/2013	How the Internet Works	TUBES 3 - Only Connect	2 - WWW History and Development	7 - Dan Andresen
	3/6/2013	Scratch Competition 2 (5:30pm) - TBA			
14	3/7/2013	HTML	TUBES 4 - The Whole Internet		
	3/10/2013	Blog 6 - Are we Too Connected?			
15	3/12/2013	Web 2.0 and Social Media	TUBES 5 - Cities of Light	3 - Open Source	A - Torben Amtoft
16	3/14/2013	Computer Graphics	TUBES 6 - The Longest Tubes	4 - History of Social Media	B - Mitch Neilsen
	3/19/2013	SPRING BREAK - NO CLASS			
	3/21/2013	SPRING BREAK - NO CLASS			
	3/24/2013	Blog 7 - Web Technologies			
17	3/26/2013	Dan Andresen - Distributed Computing	TUBES 7 - Where Data Sleeps	5 - Large Computing Projects	
18	3/28/2013	Cyber Security and Information Assurance	BITS 1 - Digital Explosion		C - Simon Ou
	3/31/2013	Blog 8 - Tubes - Making Meaning			
19	4/2/2013	Michael Wesch - Anthropology of Algorithms			
	4/3/2013	Scratch Competition 3 (5:30pm) - TBA			
20	4/4/2013	Privacy	BITS 2 - Naked in the Sunlight		
	4/7/2013	Blog 9 - Digital Ethnography			
21	4/9/2013	Electronic Documents	BITS 3 - Ghosts in the Machine	6 - Digital Rights Management	D - Eugene Vasserman
22	4/11/2013	Databases			
	4/14/2013	Blog 10 - Personal Stance on Privacy			
23	4/16/2013	Big Data	BITS 4 - Needles in the Haystack		
24	4/18/2013	Cryptography	BITS 5 - Secret Bits	7 - History of Cryptography	
	4/21/2013	Blog 11 - Filter Bubble - Good or Bad?			
25	4/23/2013	Intellectual Property	BITS 6 - Balance Toppled		E - Rod Howell
26	4/25/2013	Robotics	BITS 7 - You Can't Say That on the Internet		F - Dave Gustafson
	4/28/2013	Blog 12 - Copyright in 21st Century			
27	4/30/2013	Bioinformatics and Genomics	BITS 8 - Bits in the Air		
	5/1/2013	Scratch Competition 4 (5:30pm) - TBA			
28	5/2/2013	Video Game Development			G - Nathan Bean
	5/5/2013	Blog 13 - Blown to Bits - Making Meaning Textbook Section Final Draft Due			
29	5/7/2013	The Future			
30	5/9/2013	<no lecture planned>			
	5/12/2013	Blog 14 - Where do I go from here?			
	5/15/2013	Final Textbook Due			