CIS 115 - Introduction to Computing Science (Fall 2014)
Schedule (as of 8/25/2014)

Date	Lecture	Topic / Blog Article	Reading (Before Class)	Activity
8/26/2014	1	What is Computing Science?		Get a CIS Account
8/28/2014	2	Teams, Projects, and Success	Syllabus & Assignments	Team Resume
9/2/2014	3	Early Computing Machines	POTS 1 - Nuts and Bolts	**0 - Scratch Cheat Sheet**
9/4/2014	4	Bits and Boolean Algebra	POTS 2 - Universal Building Blocks	Bank - User I/O & Conditionals
9/8/2014	**Blog 1**	**Personal Biography**		
9/9/2014	5	Programming	POTS 3 - Programming	**1 - Bank - Loops**
9/11/2014	6	Universal Computers	POTS 4 - How Universal are Turing Machines	Turing Machine - Variables
9/15/2014	**Blog 2**	**Historical Figure in Computing**		
9/16/2014	7	Algorithms	POTS 5 - Algorithms & Heuristics	**2 - Sorting Algorithms - Lists**
9/18/2014	8	Encoding Data	POTS 6 - Memory: Information and Secret Codes	Binary Worksheet
9/22/2014	**Blog 3**	**Algorithms**		
9/23/2014	9	Embedded Systems, Architecture, & FSMs	POTS 7 - Speed: Parallel Computers	**3 - Stoplight**
9/25/2014	10	High Performance Computing	POTS 8 - Computers that Learn and Adapt	Weather Simulator
9/29/2014	**Blog 4**	**Computer Systems in Daily Life**		
9/30/2014	11	Artificial Intelligence	POTS 9 - Beyond Engineering	**4 - HPC Sum**
10/2/2014	12	Human Computer Interaction	TUBES 1 - The Map	HCI Activity*
10/3/2014	**VIDEO**	**Video Interview Due**		
10/6/2014	**Blog 5**	**Making Meaning - POTS**		
10/7/2014	13	History of the Internet	TUBES 2 - A Network of Networks	**5 - Mars Rover**
10/9/2014	14	How the Internet Works	TUBES 3 - Only Connect	Packet Switched Network
10/13/2014	**Blog 6**	**TBD**		
10/14/2014	15	HTML & CSS	TUBES 4 - The Whole Internet	**6 - HTML & CSS**
10/16/2014	16	*Video Interview Presentations*	TUBES 5 - Cities of Light	<none>
10/20/2014	**Blog 7**	**TBD**		
10/21/2014	17	Cryptography	TUBES 6 - The Longest Tubes	**7 - Chaocipher**
10/23/2014	18	Big Data*	TUBES 7 - Where Data Sleeps	Big Data*
10/27/2014	**Blog 8**	**TBD**		
10/28/2014	19	Computer Graphics	BITS 1 - Digital Explosion	Drawing in Scratch
10/30/2014	20	Video Game Design	BITS 2 - Naked in the Sunlight	1964 Starter File
10/31/2014	**TOPIC**	**Topic Research Due**		
11/3/2014	**Blog 9**	**TBD**		
11/4/2014	21	*Topic Research Presentations*	<none>	<none>
11/6/2014	22	*Topic Research Presentations*	<none>	<none>
11/10/2014	**Blog 10**	**TBD**		
11/11/2014	23	*Topic Research Presentations*	<none>	<none>
11/13/2014	24	Robotics	BITS 3 - Ghosts in the Machine	Lego Robots
11/17/2014	**Blog 11**	**Topic Research Response**		
11/18/2014	25	Informatics and Social Media*	BITS 4 - Needles in the Haystack	Informatics*
11/20/2014	26	Industry Panel*	BITS 5 - Secret Bits	<none>
11/21/2014	**DRAFT**	**Textbook Section Draft Due**		
11/25/2014		*No School - Thanksgiving Break*		
11/27/2014		*No School - Thanksgiving Break*		
12/1/2014	**Blog 12**	**TBD**		
12/2/2014	27	Cybersecurity	BITS 6 - Balance Toppled	<work time>
12/4/2014	28	Cybersecurity	BITS 7 - You Can't Say That on the Internet	<work time>
12/8/2014	**Blog 13**	**TBD**		
12/9/2014	29	Leftovers	BITS 8 - Bits in the Air	**FINAL SCRATCH PROJECT**
12/11/2014	30	The Future	<none>	<none>
12/12/2014	**FINAL**	**Textbook Section Due**		
12/15/2014	**Blog 14**	**Where Do I Go from Here?**		