CIS 115 - Introduction to Computing Science (Spring 2014)
Sections A & B Schedule (as of 2/6/2014)

Date	Lecture	Topic / Blog Article	Reading (Before Class)	Activity
1/21/2014	1	What is Computing Science?		Get a CIS Account
1/23/2014	2	Teams, Projects, and Success	Syllabus & Assignments	Team Resume
1/28/2014	3	Early Computing Machines	POTS 1 - Nuts and Bolts	**0 - Scratch Cheat Sheet**
1/30/2014	4	Bits and Boolean Algebra	POTS 2 - Universal Building Blocks	Bank - User I/O & Conditionals
2/3/2014	**Blog 1**	**Personal Biography**		
2/4/2014		*Snow Day - No School*		
2/6/2014	5	Programming	POTS 3 - Programming	**1 - Bank - Loops**
2/10/2014	**Blog 2**	**Historical Figure in Computing**		
2/11/2014	6	Universal Computers	POTS 4 - How Universal are Turing Machines	Turing Machine - Variables
2/13/2014	7	Algorithms	POTS 5 - Algorithms & Heuristics	**2 - Sorting Algorithms - Lists**
2/17/2014	**Blog 3**	**Algorithms**		
2/18/2014	8	Encoding Data	POTS 6 - Memory: Information and Secret Codes	Binary Worksheet
2/20/2014	9	Embedded Systems, Computer Architecture, & Finite State Machines	POTS 7 - Speed: Parallel Computers	**3 - Stoplight**
2/24/2014	**Blog 4**	**Computer Systems in Daily Life**		
2/25/2014	10	High Performance Computing	POTS 8 - Computers that Learn and Adapt	**4 - Multithreading**
2/27/2014	11	Cryptography	TUBES 1 - The Map	RSA Example
2/28/2014	**VIDEO**	**Faculty Video Interview Due**		
3/3/2014	**Blog 5**	**Making Meaning - POTS**		
3/4/2014	12	History of the Internet	TUBES 2 - A Network of Networks	**5 - Chaocipher**
3/6/2014	13	How the Internet Works	TUBES 3 - Only Connect	Packet Switching
3/10/2014	**Blog 6**	**Web Technologies**		
3/11/2014	14	HTML & CSS	TUBES 4 - The Whole Internet	**6 - HTML & CSS**
3/13/2014	15	*Faculty Video Presentations*	TUBES 5 - Cities of Light	<work time>
3/18/2014		***Spring Break - No Class***		
3/20/2014		***Spring Break - No Class***		
3/24/2014	**Blog 7**	**Reaction to Edward Snowden**		
3/25/2014	16	Artificial Intelligence	TUBES 6 - The Longest Tubes	**7 - Mars Rover**
3/27/2014	17	Databases, Web 2.0 & Social Media	TUBES 7 - Where Data Sleeps	<work time>
3/28/2014	**TOPIC**	**Topic Research Due**		
3/31/2014	**Blog 8**	**How Has the Internet Influenced You?**		
4/1/2014	18	*Topic Research Presentations*		
4/3/2014	19	*Topic Research Presentations*		
4/5/2014		***Open House***		
4/7/2014	**Blog 9**	**Topic Research Response**		
4/8/2014	20	Computer Graphics	BITS 1 - Digital Explosion	Drawing & Graphing
4/10/2014	21	Video Game Design	BITS 2 - Naked in the Sunlight	**Final Project - Video Game**
4/14/2014	**Blog 10**	**Graphics & Video Games**		
4/15/2014	22	Human Computer Interaction	BITS 3 - Ghosts in the Machine	Scratch Motion
4/17/2014	23	Information Technology	BITS 4 - Needles in the Haystack	<work time>
4/21/2014	**Blog 11**	**Human Computer Interaction**		
4/22/2014	24	Robotics	BITS 5 - Secret Bits	NXT Robots
4/24/2014	25	Informatics & Data Mining*	BITS 6 - Balance Toppled	Informatics / Genomics
4/25/2014	**DRAFT**	**Textbook Section Draft Due**		
4/28/2014	**Blog 12**	**Robots & Artificial Intelligence**		
4/29/2014	26	Cybersecurity	BITS 7 - You Can't Say That on the Internet	Textbook Draft Review
5/1/2014	27	Cybersecurity (continued)	BITS 8 - Bits in the Air	Textbook Draft Review
5/5/2014	**Blog 13**	**Cybersecurity**		
5/6/2014	28	Leftovers (Web 2.0, Social Media, Intellectual Property, etc.)		<work time>
5/8/2014	29	The Future		<work time>
5/9/2014	**FINAL**	**Textbook Section Due**		
5/11/2014	**Blog 14**	**Where Do I Go from Here?**		