The Art and Science of Digital Imaging

Date		#	Class Topic	Due	Assigned
Wed	7-Sep	1	foundations: terms/examples		
Mon	12-Sep	2	foundations: digital image representation		email list, chapters 1+2 brinkmann, handout on image rep
Wed	14-Sep	3	foundations: digitizing	image rep questions	scanning assignment
Mon	19-Sep	4	color: seeing and representing	scanning assignment	project 1 (color), read: image manipulation and image viewing tools
Wed	21-Sep	5	color: seeing and changing		
Mon	26-Sep	6	mattes: fundamentals	project 1	project 1 post-mortem
Wed	28-Sep	-	NO CLASS (advising day)		
Mon	3-Oct	7	mattes: alpha, operators, roto	project 1 post-mortem	read: compositing and matte making
Wed	5-Oct	8	mattes: matte making		project 2 (integration)
Mon	10-Oct	-	NO CLASS (October break)		
Wed	12-Oct	9	tools: integrating elements	project 2 precursor	read: element creation and integration
Mon	17-Oct	10	tools: more integration, process		
Wed	19-Oct	11	review project 2	project 2	
Mon	24-Oct	12	foundations: time-based digital imaging		project 3 (animation)
Wed	26-Oct	13	foundations: learning to communicate in time		
Mon	31-Oct	14	tools: basics of After Effects	project 3 script/bibliography	
Wed	2-Nov	15	foundations/tools: audio, text, codecs		
Mon	7-Nov	16	foundations/tools: temporal artifacts		
Wed	9-Nov	17	review project 3, intro final projects	project 3	Final project, read: VFX case studies
Mon	14-Nov	18	visual inspiration		
Wed	16-Nov	19	mattes/tools: articulated mattes	final project proposal	
Mon	21-Nov	20	tools: frames from video, tracking		
Wed	23-Nov	-	NO CLASS (Thanksgiving break)		
Mon	28-Nov	21	tools: time remapping, hierarchical animation		
Wed	30-Nov	22	TA D3 presentation or TBA		
Mon	5-Dec	23	Final Project Q&A or TBA		
Wed	7-Dec	24	screen final projects	final project!	