The Art and Science of Digital Imaging

Hampshire College
Spring 2005

Date		#	Class Topic	Due	Assigned
Thu	27-Jan	1	foundations: terms/examples		
Tue	1-Feb	2	foundations: digital image representation		email list, 1+2 brinkmann, handout on image rep
Thu	3-Feb	3	foundations: digitizing	image rep questions	scanning assignment
Tue	8-Feb	4	color: seeing and representing	scanning assignment	time of day assignment, read: image manipulation and image viewing tools
Thu	10-Feb	5	color: seeing and changing		
Tue	15-Feb	6	mattes: fundamentals	time of day assignment	TOD post-mortem
Thu	17-Feb	7	mattes: alpha, operators, roto		read: compositing and matte making
Tue	22-Feb	8	mattes: matte making (pshop)	TOD post-mortem	illustration project (rcomp assembly)
Thu	24-Feb	-	NO CLASS (advising day)		
Tue	1-Mar	9	tools: rcomp hands-on exercise	article summaries	
Thu	3-Mar	10	tools: integrating elements		read: element creation and integration
Tue	8-Mar	11	tools: wire removal/BG replacement		
Thu	10-Mar	12	review illustration projects	illustration project	
Tue	15-Mar	-	NO CLASS (spring break)		
Thu	17-Mar	-	NO CLASS (spring break)		
Tue	22-Mar	13	foundations: time-based digital imaging		PSA
Thu	24-Mar	14	foundations: learning to communicate in time		
Tue	29-Mar	15	tools: basics of AE	PSA script/bibliography	
Thu	31-Mar	16	foundations/tools: audio, text, codecs		
Tue	5-Apr	17	foundations/tools: temporal artifacts		
Thu	7-Apr	18	review PSAs, intro final projects	PSA	Final project, read: VFX case studies
Tue	12-Apr	19	visual inspiration		
Thu	14-Apr	20	mattes/tools: articulated mattes	FP proposal	
Tue	19-Apr	21	tools: frames from video, tracking		
Thu	21-Apr	22	tools: time remapping, hierarchical animation		
Tue	26-Apr	23	tools: rcomp more advanced		
Thu	28-Apr	24	FP Q&A		
Tue	3-May	25	TBA		
Thu	5-May	26	screen final projects	FP final	