

Date			Lecture	Lab
Feb	4	W	Course overview	
	8-7	S/S	Darkroom Technique Introduction to Strobe photography: BCPS Equation, Lens Equation and Magnification	Attend Sat. <i>or</i> Sun.
	9	M	Course Expectations Synch and Delay What makes a good team member?	Lab 1 Synch and Delay
	11	W	How to write a lab report; Three-Point Lighting	
	17	T	Photographs under mixed lighting (i.e., flash and continuous light); Advanced Lighting,	Practical Exercise (solo)
	18	W	Stroboscopy; Project Planning Group Planning Exercise Assigned ATTENDANCE WILL BE TAKEN	
	23	M	Review lab reports; What makes a good Multiflash Photo? Field of view;	Lab 2 Stroboscopy
	25	W	Project Planning Project-planning exercise is due in class ATTENDANCE WILL BE TAKEN	
Mar	2	M	Past Final Projects; Depth of Field	Lab 3 Multi-flash
	4	W	Presentation Tips, Overview of HSV; Motion Blur	
	9	M	Guest Lecture: <i>Motion Analysis</i>	Lab 4 HSV
	11	W	Intro to Bullets; Meet in lab groups & brainstorm potential final projects. ATTENDANCE WILL BE TAKEN	
	12	R	Each student emails 2 final project concepts to Dr. Bales (bales@mit.edu)	
Mar	16	M	How to select a Mark 1 project; lab groups meet & down-select to 1 project ATTENDANCE WILL BE TAKEN	Lab 5 Bullets
	18	W	In-class planning of Mark 1 project ATTENDANCE WILL BE TAKEN	

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	23	M	HOLIDAY	
	25	W	HOLIDAY	
Mar	30	M	Strobe circuits and strobe process. HW Distributed	Mark I Project
Apr	1	W	Schlieren Photography --- MEET IN 4-410	
	6	M	Technology of Digital Imaging, Derive BCPS Equation HW Due at 5 PM	Mark I Project
	8	W	Review HW	
	13	M	Mark I Oral Reports (first three lab groups)	FINAL PROJECT
	15	W	Mark I Oral Reports (second three lab groups) Mark I Written Reports due 11/18	
	20	M	HOLIDAY	FINAL PROJECT
	22	W	Quiz (<i>Drop Date 4/23</i>)	
	27	M	Return and Review Quiz	FINAL PROJECT
	29	W	Guest Lecture: <i>Life as a High-Speed Imaging Consultant</i>	
May	4	M	Blackbody and Line Emission Spectra	FINAL PROJECT
	6	W	No lecture	
	11	M	Final Project Presentations (First 3 groups)	FINAL PROJECT
	13	W	Final Project Presentations (Last 3 groups) FINAL REPORT DUE 5/14	