		lassical Electrodynamics: Quarter 3 of 3 ohn David Jackson, "Classical Electrodynamics," 3th ed.					
		s ver. 31March2020 08:00)					
	(Syttabu	5 TEL. 5 Intel CIE020 00.00)					
veek	date	lecture topic	readings*				
1	1-Apr	Power losses in a cavity; Q of a cavity. Perturbation of boundaries	8.8, 8.6				
		Radiation from a localized source, antennas 1. Dipole radiation.	9.1-4				
2	8-Apr	spherical waves. The scalar wave equation.	9.6				
	10-Apr	Poynting formalism 2; multipole fields. Angular momentum 2.	9.8-9				
3	15-Apr	Scattering & Diffraction 1: Long-wavelength cross-section	10.1-2				
	17-Apr	Scattering & Diffraction 2: Scalar & vector diffraction.	10.5-7				
4	22-Apr	Scattering & Diffraction 3: Complementary screens, aperatures, optical theorem	10.8-11				
	24-Apr	Relativity 1.	11.1-6				
5	29-Apr	Relativity 2.	11.7-12				
	1-May	Lagrangian Formalism 1.	12.1-3				
	1-May	Midterm exam posted					
6	4-May	11:00 am PST: Midterm due					
	6-May	Lagrangian Formalism 2.	12.4-7				
	8-May	Lagrangian Formalism 3.	12.8-11				
7	13-May	Collision & energy loss 1	13.1-3				
	15-May	Collision & energy loss 2	13.4-7				
8	20-May	Radiation by moving charges 1	14.1-3				
	22-May	Radiation by moving charges 2	14.4-5				
9	27-May	Radiation damping 1.	16.1-3				
	29-May	Radiation damping 2.	16.4-6				
10		Radiation damping 3.	16.7-8		 		
	5-Jun	Review			 		
		Final exam posted			 _	 	 -
11	8-Jun	11:00 PST: Final exam due			 _	 	 <u> </u>
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		* The pace of the class, and therefore the readings, will likely vary from this syl	labus.		 		 \vdash