Physics 513, Autumn 2019, University of Washington				
Graduate Classical Electrodynamics: Quarter 1 of 3				
	Text: John David Jackson, "Classical Electrodynamics," 3th ed.			
	(syllabus ver. 26Sep2019 08:45)			
week	**date**	**lecture topic**	**reading***	
1	26-Sep	Introductory remarks	1-6	
2	1-Oct	Electrostatics review 1	1.1-7	
	3-Oct	Electrostatics review 2	1.8-1.11	Guest lecture: Instructor on travel.
3	8-Oct	Method of images 1	2.1-4	
	10-Oct	Method of images 2	2.5-7	
4	15-Oct	Separation of variables 1	2.8-9	
	17-Oct	Separation of variables 2	2.10-11	
5	22-Oct	Spherical coordinates 1	3.1-3.4	
	24-Oct	Spherical coordinates 2	3.5-6	
6	29-Oct	Cylindrical coordinates	3.7-8	
	31-Oct	Midterm Exam		
7	5-Nov	Spherical coordinates 3	3.9-10	
	7-Nov	Multipole expansion	4.1-2	
8	12-Nov	Dielectric media 1	4.3-5	
	14-Nov	Dielectric media 2, energy and dielectric media	4.6-7	
9	19-Nov	Magnetostatics review 1	5.1-3	
	21-Nov	Vector potential, Magnetostatics review 2	5.4-8	
10	26-Nov	Boundary value problems in magnetostatics 1	5.9-10	
	28-Nov	*Thankgiving holiday*		
11	3-Dec	Boundary value problems in magnetostatics 2	5.11-12	
	5-Dec	Midterm Exam	5.15-17	
12	11-Dec	**NO FINAL EXAM (TENTATIVE: CHECK COURSE ANNOUNCEMENTS)**	Note: The offical final-exam day conflicts with the Phys 524 MRE.	
		* The pace of the class, and therefore the readings, will likely vary from this syllabus.		
		Also, there will be special topics discussed in lecture.		