

Course Guide Electricity & Magnetism: Fall 2025: Math 331, DH 4422, M-W-F 4:20 - 5:10

	Topic	Griffiths	Recommended Homework	Assignment Collected
M: 8-18	Vector Calculus and the Dirac Delta	Ch. 1	1.6, 1.13, 1.16, 1.21, 1.24, 1.36, 1.38, 1.39	
W	Vector Calculus and the Dirac Delta	Ch. 1	1.42, 1.43, 1.44, 1.47, 1.48, 1.50, 1.54, 1.55	
F	Vector Calculus and the Dirac Delta	Ch. 1	1.56, 1.57, 1.61, 1.62, 1.63, 1.65	
M: 8-25	Electrostatics	Ch. 2	2.2, 2.4, 2.6, 2.9, 2.10	Mission 1
W:	Electrostatics	Ch. 2	2.12, 2.13, 2.14, 2.15	
F	Electrostatics	Ch. 2	2.16, 2.18, 2.21, 2.22, 2.23, 2.26	
M: 9-1	Electrostatics	Ch. 2	2.29, 2.30, 2.32, 2.35, 2.40, 2.43	
W:	Electrostatics	Ch. 2	2.47, 2.49, 2.50, 2.51	Mission 2
F	Potential	Ch. 3	3.2, 3.3, 3.5, 3.6, 3.7, 3.11, 3.15, 3.17	
M: 9-8	Potential	Ch. 3	3.19, 3.21, 3.23, 3.26, 3.27, 3.28	
W:	Potential	Ch. 3	3.29, 3.31, 3.32, 3.34, 3.35	
F	Potential	Ch. 3	3.38, 3.52, 3.54, 3.55, 3.57	Mission 3
M: 9-15	Electric Fields in Matter	Ch. 4	4.4, 4.5, 4.6, 4.12, 4.13	
W:	Electric Fields in Matter	Ch. 4	4.15, 4.16, 4.19, 4.22	
F	Electric Fields in Matter	Ch. 4	4.24, 4.26, 4.28, 4.34, 4.37	
M: 9-22	Review Day			Mission 4
W:	Test 1		covers Lectures & Missions up to 9-23	
F	Magnetostatics	Ch. 5	5.1, 5.2, 5.3, 5.4, 5.5, 5.8, 5.10	
M: 9-29	Magnetostatics	Ch. 5	5.13, 5.17, 5.22, 5.23, 5.25	
W:	Magnetostatics	Ch. 5	5.27, 5.28, 5.31, 5.36	
F	Magnetostatics	Ch. 5	5.37, 5.38, 5.47, 5.60, 5.64	
M: 10-6	Magnetic Fields in Matter	Ch. 6	6.1, 6.3, 6.5, 6.8, 6.9,	Mission 5
W	Magnetic Fields in Matter	Ch. 6	6.12, 6.13, 6.16, 6.26	
	FALL BREAK (10-9 and 10-10)			
M: 10-13	Electrodynamics	Ch. 7	7.1, 7.3, 7.5, 7.8, 7.10, 7.13,	
W:	Electrodynamics	Ch. 7	7.17, 7.19, 7.23, 7.25, 7.31, 7.32	
F	Electrodynamics	Ch. 7	7.37, 7.39, 7.40, 7.45, 7.68	
M: 10-20	Conservation Laws	Ch. 8	8.1, 8.2, 8.6	
W:	Conservation Laws	Ch. 8	8.9, 8.12, 8.18	Mission 6
F	Electromagnetic Waves	Ch. 9	9.1, 9.2, 9.3, 9.4, 9.6, 9.7	
M: 10-27	Electromagnetic Waves	Ch. 9	9.9, 9.10, 9.14, 9.15, 9.17	
W:	Electromagnetic Waves	Ch. 9	9.18, 9.21, 9.23, 9.25	
F	Electromagnetic Waves	Ch. 9	9.26, 9.28, 9.35, 9.37	
M: 11-3	Review Day			Mission 7
W:	Test 2		Covers Lectures and Missions up to 11-4	

Course Guide Electricity & Magnetism: Fall 2025: Math 331, DH 4422, M-W-F 4:20 - 5:10

	Topic	Griffiths	Recommended Homework	Assignment Collected
F	Potentials and Fields	Ch. 10	10.1, 10.3, 10.4, 10.5, 10.7, 10.8	
M: 11-10	Potentials and Fields	Ch. 10	10.10, 10.11, 10.12, 10.13,	
W:	Potentials and Fields	Ch. 10	10.16, 10.17, 10.21, 10.23	
F	Potentials and Fields	Ch. 11	11.2, 11.3, 11.4	
M 11-17	Radiation	Ch. 11	11.6, 11.8, 11.10	Mission 8
W:	Something Fun			
F	Something Fun			
	THANKSGIVING BREAK (11-24 to 11-28)			
M: 12-1	Something Fun			
W:	Something Fun			
F	Something Fun			Test 3 (covers after Test 2 material)
	Comprehensive Final Exam		(Thursday, December 11, 10:30-12:30)	

❖ **Grades:** usual 1000pts with standard scale, 900 or above earns A, 801-899.99 earns B, etc.

- Tests 1 & 2 & 3 = 450pts,
- Missions = 300pts,
- Final = 250pts,