

Engineering Physics 1 Extended Study Guide for Spring, 2006

Date	In Studio Lecture	Checkpoints	Sample Problems	HW for NEXT STUDIO	NEXT Lab
1-12,13	Ch. 2:sect 2-6	2: 1-3	2: 1,2,4	Ch.2 Q 2,3; P 4,7,11,13,16,18	2.1

Date	Lecture	Checkpoints	Samp. Prob.	Studio HW	Studio Lab
1-18	Ch. 2:sect 6-10	2: 4,6	2: 5-8	Ch.2 Q 5; P 28,31,50,52,61,63,70	2.2
1-23	Ch. 3:sect 1-8	3: 3,4	3: 6,7,9	Ch.2: P 54,58; Ch.3: Q 2,4,8; P 14,19,31,32	2.3
1-25	Ch. 4:sect 5-6	4: 5	4: 6-7	Ch.4 Q 4,7,8,9; P 20,23,26,29,32,110	4.1,4.3
1-30	Ch. 5:sect 1-7	5: 2-5	5: 1-2	Ch.5 P 4,9,20,29,33,41,63	5.1, 5.2
2-1	Ch. 5:sect 8-9	5:7	5: 7-9	Ch.5 Q 1,3,9; P 21,24,39,43,50,51	5.3, 5.4

Feb. 3 Quiz 1 4:30 — 5:45 PM Chapters 2,3,4,5

Date	Lecture	Checkpoints	Samp. Prob.	Studio HW	Studio Lab
2-6	Ch. 6:sect 1-3	6: 1-2	6: 1-3	Ch.6 Q 1,2,4; P 7,11,20,22,27,30	6.1,6.2
2-8	Ch. 6: 5, Ch.4:7	6: 5	6:7,8,10	Ch.6 Q 10,11; P 19,37,44,45,99	6.3,6.5
2-13	Ch. 7:sect 1-8	7: 1-4	7: 1,5,8	Ch.7 Q 5,8; P 2,19,21,49,51,52	7.1,7.2
2-15	Ch. 8:sect 1-5	8: 1,3	8: 1,3	Ch.8 P 5,7,13,18,25,28	8.2
2-20	Ch. 8:sect 7-8	8: 5	8:6,8	Ch.8 Q 3,6,9; P 23,31,48,49,51,52,68	8.1,8.3
2-22	Review			Ch.6:P 28,41; Ch.7:P 29,50; Ch.8:P 29,55,106	6.4,8.4

Feb. 24 Quiz 2 4:30 — 5:45 PM Chapters 6,7,8

Date	Lecture	Checkpoints	Samp. Prob.	Studio HW	Studio Lab
2-27	Ch. 9:sect 1-7	9: 1-4,6	9: 1,4,5,7	Ch.9 Q 1,6;P 1,10,35,39,41,43,82	9.1,9.2
3-1	Ch. 9: sect 8-10	9: 9	9: 9,10	Ch.9 P 26,49,50,60,107,111,126	10.1,10.2,10.3
3-6	Ch. 10: sect 1-7	10: 1-4	10:2,5	Ch.10 Q 1; P 1,7,18,32,34,39,67	11.1,11.4
3-8	Ch. 10: sect 8-10	10: 6,7	10: 8	Ch.10 Q 5,8; P 47,53,55,61,63,83	11.2,11.3

Mar. 10 Quiz 3 4:30 — 5:45 PM Chapters 9,10

Engineering Physics 1 Extended Study Guide for Spring, 2006

Date	Lecture	Checkpoints	Samp. Prob.	Studio HW	Studio Lab
3-13	Ch. 11:sect 1-6	11: 1-3	11: 1-2	Ch.11 Q 2; P 4,5,7,8,9,22,81	12.1,12.2
3-15	Ch. 11: sect 9-11	11: 4-7	11: 7	Ch.11 Q 8,10; P 26,43,46,48,49,95	12.3,12.4
3-27	Ch. 12: sect 1-5	12: 1,2,4	12: 1-3	Ch.12 Q 5; P 7,10,14,22,23,27,81	13.1,13.2,13.3
3-29	Ch. 13:sect 1,2,4,6,7	13: 4,5	13: 5,7	Ch.13 P 16,33,40,46,48,84,104	14.1,14.2

Mar. 31 Quiz 4 4:30 — 5:45 PM Chapters 11,12,13

Date	Lecture	Checkpoints	Samp. Prob.	Studio HW	Studio Lab
4-3	Ch. 14: sect 1-7	14: 1,2	14: 1-3,5	Ch.14 Q 3,6;P 3,8,9,22,26,29,31	15.1,15.2,15.3
4-5	Ch. 14: sect 8-10	14: 3,4	14: 6,8	Ch.14 Q 10; P 41,46,47,54,55,57	NO STUDIO
4-10	Ch. 15: sect 1-3	15: 1-2	15: 1-2	Ch.15 Q 2,4; P 1,9,17,19,25,26	15.6, 16.1
4-12	Ch. 15: sect 4,6,9	15: 3	15: 3,5	Ch.15 P 28,31,32,33,42,43	16.2,16.3
4-17	Ch.16; Ch.17			Ch.16:Q1,4,9; P1,43,45,82,93; Ch.17:P33,36	17.2,17.3
4-19	Review			Ch.14:33,58;Ch.15:24,45;Ch.16:83;Ch.17:51,52	18.1

Apr. 21 Quiz 5 4:30 — 5:45 PM Chapters 14,15,16,17

Date	Lecture	Checkpoints	Samp. Prob.	Studio HW	Studio Lab
4-24	Ch. 18: sect 5,7,8	18:3	18: 3,4	Ch.18 P 4,23,26,27,30,31,35,39	19.3,19.4
4-26	Ch. 18: sect 9,12			Ch.18 Q 5; P 42,43,44,45,48	19.5
5-1	Ch. 19: sect 2-6,11	19:5	19:2-4,9	Ch.19 Q 8; P 12,17,24,27,31,53,56	20.3,20.4
5-3	Review			Ch.19 P 14,22,25,29,35,59,70	

May 12 Final Exam 7:30 — 9:20 AM Comprehensive