ENGINEERING PHYSICS Ill
TEXT: Modern Physics Taylor and Zafirato

STEP	ASSIGNMENT
1	Study Chapter 1 Relativity in Classical Physics
2	Work through Example Problems
3	Do Problems 4, 5, 7,12,13
4	Study Chapter 2 The Space and Time of Relativity
5	Work through Example Problems
6	Do Problems 2, 3,6,11, 17, 21,25, 29
7	Study Chapter 3 Relativistic Mechanics
8	Work through Example Problems
9	Do Problems 1, 5, 6,13, 17, 29,38
10	Study Chapter 4 Atoms (Omit Section 4.10)
11	Work through Example Problems
12	Do Problems 3, 5, 7, 9,10, 13, 15, 22, 27
13	Study Chapter 5 Quantization of Light
14	Work through Example Problems
15	Do Problems 1,2,5,8, 9,12,14,15,17,19
16	Study Chapter 6 Quantization of Atomic Energy Levels
17	Work through Example Problems
18	Do Problems 1, 5, 9,13, 19, 21, 23 TEST #2
19	Study Chapter 7 Matter Waves (Omit 7.10)
20	Work through Example Problems
21	Do Problems 1,3, 9, 13,17, 19, 25,35,41,42
22	Study Chapter 8 The Schrodinger Equation (Omit 8.9)
23	Work through Example Problems
24	Do Problems 15, 18,19, 26
25	Study Chapter 9 The Three Dimensional Schrodinger Equation
26	Work through Example Problems
27	Do Problems 21 22, 34, 43,45, 47
28	Study Chapter 10 Electron Spin
29	Work through Example Problems
30	Do Problems 1, 4, 7, 9, 15, 19
31	Study Chapter 11 Multielectron Atoms
32	Work through Example Problems
33	Do Problems 5, 7,19, 21, 23,27
34	Study Chapter 12 The Structure of Atomic Nuclei
35	Work through Example Problems
36	Do Problems 1, 3, 7, 9,11, 25, 32, 33, 35, 40, 46, 49, 51
37	Study Chapter 13 Radioactivity and Nuclear Reactions
38	Work through Example Problems
39	Do Problems 1,4,11,15,16,19,22, 33,36,38,39, 43, 50, 53

FINAL EXAM