PHY 3510 : Intermediate Theoretical Physics: Syllabus

(formerly PHY 351)

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Instructor: Ken Elder        Class Hours  : M,W,F 10:40-11:47 am
            186H MSC         Office Hours : M,W,F 12:00-1:00 pm
            248-370-3424     Location     : 113 HH
            elder@oakland.edu
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Text:	E. Kreyszig, *Advanced Engineering Mathematics* (8th edition, John Wiley & Sons), Topics will include, ordinary differential equations, matrix algebra, special functions, vector calculus and the solution of problems using the symbolic manipulator program `maple'
Homework: (30%)	• Late Assignments will **NOT** be graded • Use only one side of each 8.5" x 11" paper and staple. • Box all answers
Tests: (70%)	• Midterm 25%, Final 45% (Mon. Dec. 10th 12:00-3:00pm) • Bring one 8.5" x 11" cheat sheet (closed book) and calculator

Grade Scale Percent	Letter	Letter Grade
> 90%	4.0	A+
80% - 90%	3.6 - 3.9	A
70% - 80%	3.0 - 3.5	B
60% - 70%	2.0 - 2.9	C
50% - 60%	1.0 - 1.9	D
< 50 %	0.0	