

PHY 3510 : Intermediate Theoretical Physics: Syllabus

(formerly PHY 351)

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 : online
elder@oakland.edu

Text:	E. Kreyszig, <i>Advanced Engineering Mathematics</i> (8th edition, John Wiley & Sons), Topics will include, ordinary differential equations, matrix algebra, special functions and fourier transforms.
Homework: (30%)	<ul style="list-style-type: none">• Late Assignments will NOT be graded• Use only one side of each 8.5" x 11" paper and staple.• Box all answers
Tests: (70%)	<ul style="list-style-type: none">• Midterm 25%, Final 45% (Dec. 9th 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	