PHY 6600   Syllabus   Fall 2016

TEXT: **INTRODUCTION TO ELECTRODYNAMICS** by David J. Griffiths, 4th edition. ISBN 13: 978-0321856562, ISBN 10: 0321856562.

LECTURE: M W F 11:45 – 12:40 p.m.

LOCATION: 177 Physics

LECTURER: GIOVANNI BONVICINI

OFFICE: 335 Physics Research Bldg. (666 W. Hancock)

E-MAIL (preferred method of contact): AD6204@wayne.edu

OFFICE HOURS: one hour right before class and one hour right after class (MW 10:50-11:40, MW 12:40-1:40).

HOMEWORK: One per Chapter, given at the end of each Chapter. The course covers the first six chapters of the book.

PERFORMANCE EVALUATION:

2 partial exams :	45%
Final exam:	45%
Homework :	10%

The partial exams dates are preliminarly set on October 14 (Friday) and November 21 (Monday), covering respectively Chapter 1 and 2 and Chapters 3 and 4.
The final exam is on Thursday December 15 at 10:40 (note time!).

FINAL GRADES:

A	>= 90 %
A-	85 - 89
B+	80 - 84
B	75 - 79
B-	70 - 74
C+	65 - 69
C	60 - 64
C-	55 - 59
D+	50 - 54
D	45 - 49
D-	40 - 44
F	< 40

Learning Outcomes

After completing this class, you are expected to ...

- Understand and apply vector calculus

- Understand electrostatics in vacuum

- Be able to find solutions to electrostatics problems by separation of variables and infinite series

- Understand magnetostatics in vacuum

- Understand magnetostatics and electrostatics in dense media