

**King Saud University**  
**College of Science**  
**Physics & Astronomy Department**  
**PHYS 104, General Physics II, Section# 83633, 2<sup>nd</sup> semester 1447 H**

**Instructor:**

SAAD BIN-OMRAN

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**Office Hours:**

Sun, Tue, and Thu from 9:00 AM to 12:00 PM

**Class Days/Time:**

Sun, Tue, and Thu from 2:00 PM to 2:50 PM

**Classroom:**

0145 03 1 A 05

**Prerequisites:**

PHYS 103

**Textbook:**

Physics for Scientists and Engineers, 10<sup>th</sup> Edition (by Raymond A. Serway and John W. Jewett). Chapters 22-32.

**Other Readings:**

1- Fundamentals of physics, 10th edition (by David Halliday, Robert Resnick and Jearl Walker). Chapters 21-31.

2. <http://hyperphysics.phy-astr.gsu.edu/hbase/emcon.html#emcon>.

**Course Evaluation:**

Midterm Exam 1	15%
Midterm Exam 2	15%
Experimental Labs	30%
Final Exam	40%
<b>Total</b>	<b>100%</b>