


Midterm #1 Oct 14th

- Coverage
 - chapter 12, Study Guides 1-3, HW #1 #2, Sessions #1-#7
- Materials to expect on eCommons class page
 - answer keys for HW#1 and HW#2 (W 12 Oct)

Date	Topic	Reading	Links
F 23 Sept M 26 Sept W 28 Sept	Properties of light and Failures of Classical Mechanics	PDF(6) PDF(2) PDF(1)	Ch 12 (522-536) Ch.12a
F 30 Sept M 3 Oct	Quantum mechanics of the hydrogen atom <i>atomic orbitals</i>	PDF(6) PDF(2) PDF(1)	Ch 12 (536-541), *(541-547), (548-556) Ch.12a
<i>Homework #1, Due Wednesday 5th October</i>			
W 5 Oct F 7 Oct	Many Electron Atoms: Orbital ordering and electron configurations	PDF(6) PDF(2) PDF(1)	Ch 12 (556-568), *(568-570), Ch.12b
<i>Homework #2, Due Wednesday 12th October</i>			

some **samples** of the types of questions and data (formulas and periodic table) provided (*available Sat, 8 Oct*);
answer key for these questions (*available Tu 11 Oct*)

- Extra review session
 - **Wednesday (12 Oct), 1:30-2:30 Room 240 PSB**
 - Review outline available on [WWW \(class handouts\)](#) 
- EXAM
 - In class on exam sheet provided (no scantrons, no personal notes)
 - MUST indicate your name, **AND LA**, and SID on top of exam
 - calculator CHARGED (out of luck if you don't bring one) NO IPODS, MP3, etc.