PHYS 122: Summer 2014 Course Organization

July 8, 2013

Instructors  Corbin Covault, Roc. 207/Smith 11, cec8@case.edu, Office: 216-368-4006, Mobile 216-339-3861
  Harsh Mather, Roc. 209, hmathur542@gmail.com, 368-4007

Assistant  Graduate Student Graders: TBD

Office Hours  By appointment.

Lectures  MoTuWeThFr 9:30AM - 11:20AM (Roc. 309)

Textbook  “Physics for Engineers and Scientists (Third Edition) by Ohanian and Markert, Volume II, Chapters 22-35 – Recommended, but not required.

Topics  Calculus-based Electromagnetism: Electric charge, electric fields, the electric potential, simple circuits, electromagnetic induction, capacitors and inductors, AC circuits, electromagnetic waves. This course fulfills requirements for every science, math, engineering, and/or technical undergraduate degree program at CWRU (including pre-med).

Homeworks  Generally due on Mondays by 5:00 p.m. in box outside Roc. 207 and Thursdays by 9:30 am in class. As a rule, no late homeworks will be accepted.

Exams  Exams will be closed book, one crib sheet okay. Exams will be given Friday mornings: July 11, 18, and 25. The final exam will be given Friday, August 1, 9 AM to 12 noon.

Labs  For any issues related to labs, talk to Dr. Diana Driscoll (did2@case.edu).

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Grade Evaluation: Homeworks = 20%
   Midterms = 10+10+10% or 5+10+15% whichever counts more.
   Final = 25%
   Lab = 25%

Examination dates
   Midterm 1 = Friday, July 11
   Midterm 2 = Friday, July 18
   Midterm 3 = Friday, July 25
   Final = Friday, August 01

Course grades As a very rough guide, in the past: A=(85,100), B=(75-85), C=(65,75), D=(55,65), F=(0,55). Important: The grade intervals shown here are subject to change.

Other important matters (discussed in class)
   Keeping up.
   Problem solving guidelines.
   Academic integrity policies.