

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.