

Physics C APSI Homework

Each of the first three nights of the institute you are to go on to AP Central and download the appropriate pdf files for the AP Physics problems listed below. The first night will focus on rotation and mechanics with calculus; the second night will focus on Gauss's Law and electrostatics; and the third night will focus on RC and RL circuits. The links to AP Central exam pages are listed below.

[Physics C Mechanics](#)

[Physics C E&M](#)

For each of the questions below, you should do the following and prepare to discuss them in class the next day.

(a) Solve the problem and check your solution.

(b) Note any potential student misconceptions or mistakes

(c) List demonstrations, labs, or other activities to help address these misconceptions.

First Night	2013 Mechanics #2 2013 Mechanics #3 2014 Mechanics #3 2015 Mechanics #1
Second Night	2012 E&M #1 2013 E&M #1 2014 E&M #3 2015 E&M #1
Third Night	2012 E&M #2 2013 E&M #2 2014 E&M #2 2015 E&M #2