

## Physics B + C

### **Outline of week**

#### Monday a.m.

Introductions

What is AP Physics? B test or C test?

Review of syllabus and AP publications

Future changes in the Physics B test

Classroom time available

Discussion of a time line for your school

Review of difficult topics

American Association of Physics Teachers

Audit

Equity

#### Monday p.m.

Discussion of laboratory experiments in the Physics B

Labs and demos, force and motion

2009 multiple choice test

#### Tuesday a.m.

Questions from Monday

Discussion of 2009 m.c. test with A.P. scoring data

Analysis of AP graphing free response questions

Test taking strategies

B/C Questions 1-3 on 2012 free response

#### Tuesday p.m.

Labs and demos, freefall, energy, friction

Computer probe discussion

Equipment that students need to be familiar with

#### Wednesday a.m.

Questions and discussion

B/C Questions 4-6 on free response 2012

Grading of these

Analysis of free response fluid problems

Experiment based free response questions

New wording for free body problems on test

#### Wednesday p.m.

Labs and demos, electrostatics and electricity

Capacitor lab

Planck's constant lab.

Computer lab, simulations and research.

Thursday a.m.

Questions and discussion

How to review for the test

Variable problems, units, sig figs

Graphing, multiple topic questions

Discussion of resources available

Text book discussion

Thursday p.m.

Labs and demos, light, Planck's constant

Rotational Dynamics-Rotary Motion Sensors

Physical Pendulum

Computer lab

Important words that students need to know

Wrap up