







Administrative Details (3)

Textbooks:

Paul Hewitt, Conceptual Physics, 11th Ed. (Pearson/Addison-Wesley, 2010) (or Hewitt, Conceptual Physics, 10th ed.)

UWebAssign access code

Lectures:

Lectures will be given using a combination of PowerPoint and blackboard. Lecture pdf files available on class web page.

Help Sessions:

Instructors available for help sessions several hours each week. Help session schedule will be posted on course web page.

Exams: Two 50-min. midterms + 2.5-hour final. Final is comprehensive. All exams closed book, but equation sheets provided. NO make-up exams. You must take final as scheduled.

Homework:

*** \$**

August 25, 2010

Homework done on WebAssign system; due every lecture day.

Physics 101

5



About Prof. James M. Lockhart

I'm a Professor of Physics, and I've taught at SFSU since 1983. Previously taught at Stanford.

I do research in superconducting devices and medical physics (MRI and radiation-based cancer treatment). I'm also involved in a satellite-based test of Einstein's theory of General Relativity.

Outside interests include music (guitar and saxophone), audio recording, hiking/climbing.

























| Multiple | Prefix | Abbreviation |
|-------------------|-------------|--------------|
| 1018 | exa | E |
| 10 ¹⁵ | peta | Р |
| 1012 | tera | Т |
| 109 | giga | G |
| 106 | mega | М |
| 10 ³ | kilo | k |
| 10 ² | hecto | h |
| 10 ¹ | deka | da |
| 10-1 | deci | d |
| 10 ⁻² | centi | с |
| 10 ⁻³ | milli | m |
| 10-6 | micro | μ |
| 10 ⁻⁹ | nano | n |
| 10-12 | pico | p |
| 10 ⁻¹⁵ | femto | f |
| 10 ⁻¹⁸ | atto | a |
| uct 25, 2010 | Physice 101 | |







