
Essentials of Physics

PHYS 101

Spring, 2007

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<td>Labs, Projects &amp; Exams</td>
<td>Study sheet for final exam will be found here.</td>
<td>Note: HW solutions can be found under &quot;course documents&quot; on the Blackboard site.</td>
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Special Notes: Course meets 2 times a week for lectures (M, W: 4:00 pm in Pacific 15 (M) & Willamette 110 (W)) and once a week for a 2-hour lab section (either H:9:00, H:12:00 or F:10:00 in Willamette 17 (downstairs))

Administrative:

- Course Overview (PDF file of course syllabus)
- Course Information
- Course Outline (includes homework and other assignments)
- Term Project Info
- Printing the Web Pages
- Network Access for Students
- Glossary of Physical Terms

Labs, Projects and Exams

PDF file of Lab 1
PDF file of Lab 2
PDF file of Lab 3
PDF file of Lab 4
PDF file of Lab 5
PDF file of Lab 6
PDF file of Lab 7
PDF file of Lab 8
PDF file of Lab 9

Lectures

Lecture 1- Introductions, course questionnaire, and an introduction to motion.
Lecture 2- Position, displacement, speed & velocity.
Lecture 3- Velocity & acceleration.
Lecture 4- Acceleration & force.
Lecture 5- Mass, gravity & motion.
Lecture 6- Work, energy & power
Lecture 7- Rotational Motion I
Lecture 8- Rotational Motion II
Lecture 9- Exam results, Physics in the Real World
Lecture 10- Gravity, parabolic & orbital motion.
Lecture 11- Orbital motion & Electricity I
Lecture 12- Electricity II
Lecture 13- Electricity III & Magnetism
Lecture 14- Electromagnetic Induction
Lecture 15- Electromagnetic Induction again
Lecture 16- Waves and Sound
Lecture 17- Light, Color, Waves... and NOT!

Send comments to Dean Livelybrooks (dlivelyb_at_uoregon.edu), Instructor
Last updated 2-April-07.