





Course information. Exam # 1.

- On Thursday February 28 between 8 am and 9.30 am the first midterm exam of Physics 121 will be held:
 Material covered: Chapters 1 6 of our text book.
 Location: Hubbell.
 There will be a normal lecture after the exam (at 9.40 am in User)
- Hoyt).
- A Q&A session on the material covered on exam # 1 will take place on Tuesday evening 2/26 between 9 pm and 11 There will be extra office hours on Tuesday 2/26 and
- Wednesday 2/28: * Tuesday: 1 4 pm (B&L 304) + 5 9 pm (POA library, 2 TAs) * Wednesday: 1 3 pm (B&L 304) + 2.45 4.45 pm (POA library, 1 TA) + 7 10 pm (2 3 TAs)
- Frank L. H. Wolfs Department of Physics and Astronomy, University of Rochester

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- During workshops on Tuesday 2/26 and Wednesday 2/27, the focus will be exam # 1. You can attend any (or all) workshops on these days. Bring your questions!
- There will be no workshops and office hours on Thursday 2/28 and Friday 2/29.
- You will receive the exam back during workshop during the week of March 3.
- Any corrections to the grades of your grade can only be made by me not by your TAs

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made by me, not by your TAs.The TAs will not see the exam until you see it.

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• The mechanical energy of a system is defined as the sum of the kinetic energy K and the potential energy U:

E=K+U

• If the total mechanical energy is constant, we must require that $\Delta E = 0$, or

 $\varDelta K + \varDelta U = 0$

• We conclude that any change in the kinetic energy ΔK must be accompanied by an equal but opposite change in the potential energy ΔU .

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