

Physics 121, April 3, 2008.  
Equilibrium and Simple Harmonic Motion.

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# Physics 121.

## April 3, 2008.

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- Course Information
- Topics to be discussed today:
  - Requirements for Equilibrium (a brief review)
  - Stress and Strain
  - Introduction to Harmonic Motion

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- Homework set # 7 is due on Saturday morning, April 5, at 8.30 am. This assignment has two components:
  - WeBWorK (75%)
  - Video analysis (25%): you can calculate the angular momentum quickly by using the expression for the vector product in terms of the components of the individual vectors (the  $x$  and  $y$  components of the position and velocity of the puck).
- Homework set # 8 is now available. This assignment contains only WeBWorK questions and will be due on Saturday morning, April 12, at 8.30 am.
- Exam # 3 will take place on Tuesday April 22.