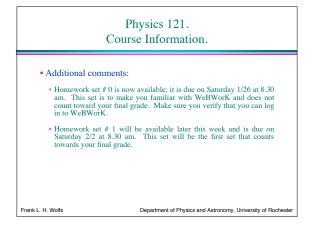
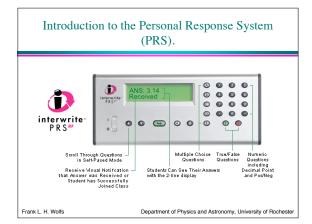


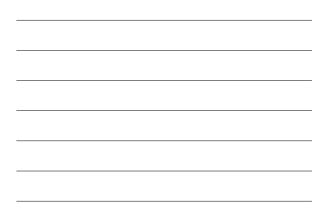
- Our web site provides up-to-date course information:
  - All course handouts are posted in pdf format on our web site.
  - The web site contains links to workshop and laboratory information.
  - The web site contains a link to our homework system and homework solutions (the solutions are password protected).
  - The web site contains links to practice exams and their solutions.
  - All lecture presentations, including audio recordings, will be available on the web site shortly before or after class.
    - http://teacher.pas.rochester.edu/phy121/Phy121HomePage.html

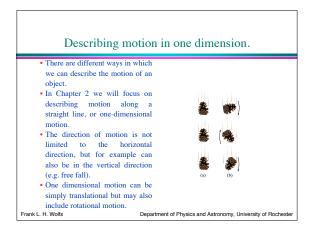
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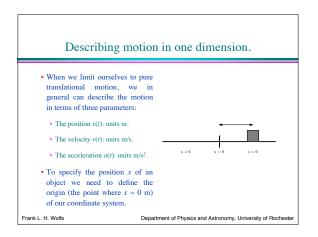




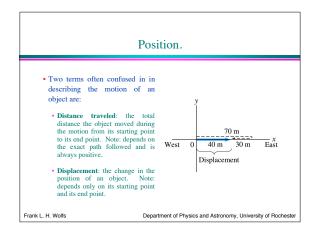


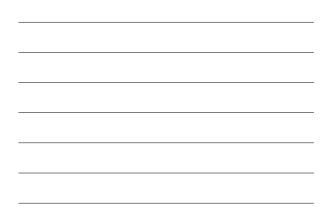


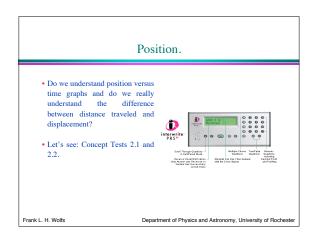




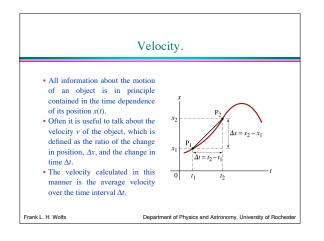


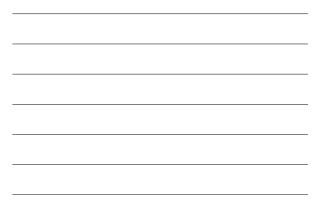


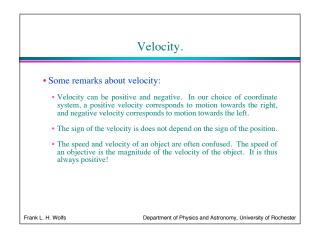


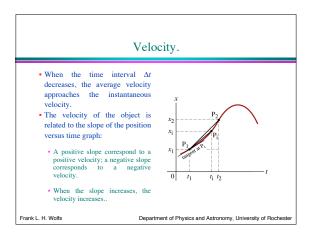


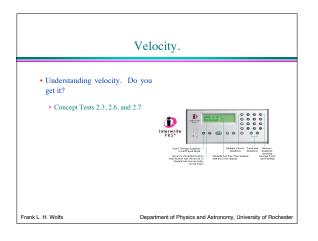




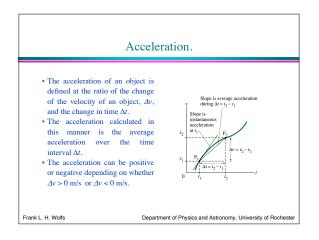


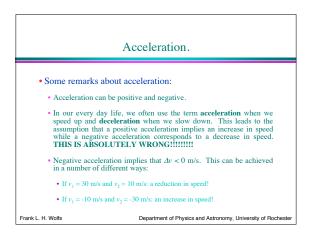


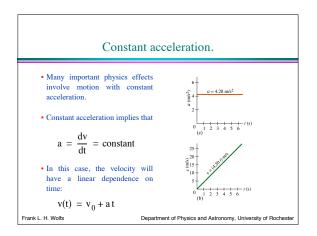




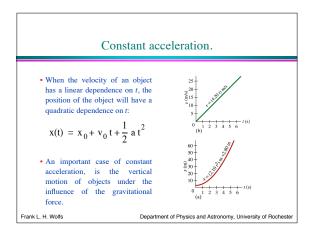














Constant acceleration.	
<ul> <li>In order to fully define the motion of an object if we know the acceleration, we need to have more information:</li> </ul>	$a = \frac{dv}{dt} = constant$
<ul> <li>We need to know v<sub>0</sub>, which is the velocity of the object at time t = 0 s.</li> </ul>	$v(t) = v_0 + a t$
• We need to know $x_0$ , which is the position of the object at time $t = 0$ s.	$\mathbf{x}(t) = \mathbf{x}_0 + \mathbf{v}_0 t + \frac{1}{2} \mathbf{a} t^2$
<ul> <li>Make sure the signs are consistent!</li> </ul>	
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