

## Lesson #6: Rotational Motion

Topics	Frank's Lecture Video	Hewitt Drew It	Khanacademy Videos	Solution Videos	Hippocampus.org	Phet Simulations
Rotational Kinematics	<a href="#">Intro 1 Kinematics</a>	<a href="#">Video 34</a> <a href="#">Video 35</a>	None	None	<a href="#">Velocity Acceleration Kinematics Equations</a> <a href="#">Rotational Vectors</a> <a href="#">Spinning CD</a> <a href="#">Rotational Translation</a>	
Rotaional Inertia & Energy	<a href="#">06-10 Rolling</a> <a href="#">06-11 Energy Example</a> <a href="#">06-12 Parallel Axis 1</a> <a href="#">06-13 Parallel Axis 2</a>  <a href="#">Energy &amp; Inertia Examples</a> <a href="#">More Examples</a>		None	<a href="#">MECH 50</a> <a href="#">MECH 51</a> <a href="#">MECH 52</a>	<a href="#">Kinetic Energy</a> <a href="#">Moment of Inertia</a> <a href="#">Solid Object (Calculus)</a> <a href="#">Parallel Axis</a>	
Torque	<a href="#">Torque</a>	<a href="#">Video 39</a> <a href="#">Video 40</a> <a href="#">Video 41</a>	<a href="#">Introduction to mechanical advantage</a> <a href="#">Mechanical Advantage (part 2)</a> <a href="#">Mechanical Advantage (part 3)</a> <a href="#">Introduction to Torque</a> <a href="#">Moments</a> <a href="#">Moments (part 2)</a>	None	<a href="#">Torque and Equilibrium</a> <a href="#">Meter Stick</a> <a href="#">Beam</a> <a href="#">Cord Strength Sim</a> <a href="#">Torque Eq of Motion</a>	<a href="#">Balancing Act</a> <a href="#">Torque</a>
Angular Momentum	<a href="#">Angula Momentum</a>	<a href="#">Video 42</a>	<a href="#">Conservation of angular momemtum</a>	None		
Using Rotational Motion	<a href="#">Fun Demonstrations</a>	None	None	<a href="#">MECH 55C</a>	<a href="#">Rolling Motion</a> <a href="#">Rolling Sim</a>	