

Chapter 11

Angular Momentum; General Rotation



Units of Chapter 11

- **Angular Momentum—Objects Rotating About a Fixed Axis**
- **Vector Cross Product; Torque as a Vector**
- **Angular Momentum of a Particle**
- **Angular Momentum and Torque for a System of Particles; General Motion**
- **Angular Momentum and Torque for a Rigid Object**

Units of Chapter 11

- **Conservation of Angular Momentum**
- **The Spinning Top and Gyroscope**
- **Rotating Frames of Reference; Inertial Forces**
- **The Coriolis Effect**