

# Phys 709: Advanced Mechanics I Physics & Astronomy

This course covers Newtonian mechanics, Lagrangian dynamics, small oscillations, rigid body motion, Hamiltonian dynamics, waves, continuum mechanics, classical field theory.

#### 3 Credits

# Instruction Type(s)

• Lecture: Lecture for Phys 709

## Subject Areas

• Physics, General

### **Related Areas**

- Acoustics
- Atomic/Molecular Physics
- <u>Condensed Matter and Materials Physics</u>
- Elementary Particle Physics
- Nuclear Physics
- Optics/Optical Sciences
- Physics, Other
- <u>Theoretical and Mathematical Physics</u>

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