

# Phys 609: Advanced Mechanics I PHYSICS & ASTRONOMY

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

3 Credits

# Prerequisites

Phys 310: Mechanics \$target.descriptions.MinimumGrade\$

## Instruction Type(s)

• Lecture: Lecture for Phys 609

# **Subject Areas**

• Physics, General

#### **Related Areas**

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

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