

# Phys 725: Solid State Physics I Physics & Astronomy

Properties of solids and solid state theory, lattices, lattice imperfections and vibrations, cohesive energy, band structure, magnetism, transport and optical properties.

3 Credits

## **Prerequisites**

• Phys 725 Requires: One Way-Co-Requisite Phys 711

## **Instruction Type(s)**

• Lecture: Lecture for Phys 725

#### **Subject Areas**

• Condensed Matter and Materials Physics

#### **Related Areas**

- Acoustics
- Atomic/Molecular Physics
- Elementary Particle Physics
- Nuclear Physics
- Optics/Optical Sciences
- Physics, General
- Physics, Other
- Theoretical and Mathematical Physics

