

# PHYS 6211      Condensed Matter Physics II

## Place & Time

Room: Howey S104 & Time: M/W/F, 11:15 – 12:05

## Instructor & Office

Zhigang Jiang    Boggs Building, Room B-18    zhigang.jiang(at)physics.gatech.edu  
Office hours: Email appointment

## Description

Include optical properties of solids, magnetism, superconductivity, etc.

## Textbooks

[Primary] *Modern Condensed Matter Physics, 1<sup>st</sup> Edition* (Girvin/Yang)  
[Secondary] *Condensed Matter Physics, 2<sup>nd</sup> Edition* (Marder)  
[Secondary] *Solid State Physics* (Ashcroft/Mermin)

## Grades

Homework (40%); Presentation (20%); Final Exam (40%)

## Academic Integrity

I expect every student to read and comply with the Georgia Tech honor code. See <http://www.honor.gatech.edu/>.