Goals for Exam 1: ECE 606 Week 3, Thursday, Jan. 24, 2013
Mark Lundstrom
Purdue University

The exam will be conducted in class and will consist of four questions. You should bring a calculator. A sheet of key equations will be provided.

This exam will test your understanding and ability to work with four concepts/topics:

1) An understanding of Miller indices and how to use them.

2) An understanding of basic crystal structure and related calculations.

3) A qualitative understanding of some basic concepts of quantum mechanics.

4) An ability to set up / do simple quantum mechanical calculations.