

Physics 6806 Condensed Matter Physics Spring 2019

Instructor: Prof. Rolando Valdés Aguilar Contact Information: PRB 2042, X-292 5758. valdesaguilar.1@osu.edu Textbook: The Oxford Solid State Basics. Author: Steven H. Simon (Oxford University Press, 2013. ISBN (paperback): 978-0-19-968077-1, ISBN (hardcover): 978-0-19-968076-4). Location: Enarson Bldg. 246 Time: Monday and Wednesday 3:00 – 5:05 pm.





<u>Description</u>: This course will provide an introduction to the *vast* field of condensed matter physics. We will cover both traditional and modern aspects of the field by using both theoretical and experimental descriptions. The goal is to obtain a high enough level of knowledge to be able to understand current research papers, and also to appreciate, at the phenomenological level, the importance of condensed matter research in modern technology.

