Syllabus for ECE Qualifying Examination
Subject Area: Solid State and Quantum

Material covered in ECE 4070 (Solid State Physics of Semiconductors and Nanostructures) and material on introductory quantum mechanics.

Material covered in ECE 4070 can be found at the following course website: https://courses.cit.cornell.edu/ece407/ (all lecture handouts)

Material on introductory quantum mechanics can be found in the following book:

- **Title:** Introduction to Quantum Mechanics (Chapters 1 through 9)
- **Author:** David J. Griffiths
- **Publisher:** Pearson Prentice Hall