MSEN 6371 (PHYS 6371) Advanced Solid State Physics (3 semester credit hours) Continuation of MSEN 5371 or PHYS 5371, transport properties of semiconductors, ferroelectricity and structural phase transitions, magnetism, superconductivity, quantum devices, surfaces. Prerequisite: MSEN 5371 or PHYS 5371 or equivalent. (3-0) R