EEOP 6313 - Semiconductor Opto-Electronic Devices

EEOP 6313 (MSEN 6313) Semiconductor Opto-Electronic Devices (3 semester credit hours) Physical principles of semiconductor optoelectronic devices: optical properties of semiconductors, optical gain and absorption, wave guiding, laser oscillation in semiconductors, LEDs, physics of detectors, applications. Prerequisite: EE 3310 or equivalent. (3-0) R