

## MECH6368 - Imperfections in Solids

[MECH 6368](#) Imperfections in Solids (3 semester credit hours) Point defects in semiconductors, metals, ceramics, and nonideal defect structures; nonequilibrium conditions produced by irradiation or quenching; effects of defects on electrical and physical properties, effects of defects at interfaces between differing materials. Prerequisite: [MECH 6306](#) or equivalent. (3-0) R