

## EEMF6321 - Active Semiconductor Devices

[EEMF 6321](#) ([MSEN 6321](#)) Active Semiconductor Devices (3 semester credit hours) The physics of operation of active devices will be examined, including p-n junctions, bipolar junction transistors and field-effect transistors: MOSFETs, JFETS, and MESFETS. Active two-terminal devices and optoelectronic devices will be presented. Recommended corequisite: [EEMF 6320](#) or [MSEN 6320](#). (3-0) Y