

EEOP6311 - Photonic Devices and Integration

[EEOP 6311](#) Photonic Devices and Integration (3 semester credit hours) This course will discuss the design and operation of passive and active semiconductor optical devices such as waveguides, lasers and modulators, the materials used and their advantages and disadvantages, the compromises needed for integration of devices, the processes used in integration, the subsystems and systems that can be achieved through integration. (3-0) Y