INTEGRATED DEVICES & PHOTONICS
Senior/graduate & Advanced graduate courses in EE

Quantum Electronics
- ELEN E4944: Princ. Of Dev. Fabrication
- ELEN E6945: Dev. Nano-fabrication
- ELEN E9101: Sem. in Phys. Electronics

Solid-State
- ELEN E4401: Wave Trans. & Fiber Optics
- ELEN E4411: Fund. of Photonics
- ELEN E6412: Lightwave Devices
- ELEN E9301: Sem. In Elec. Devices

Electromag.
- ELEN E3401: Electromag.
- ELEN E4413: Lightwave Systems

Circ. Anal.
- ELEN E3201: Circ. Anal.
- ELEN E4503: Sensors & Actuators
- ELEN E4511: Optical Systems
- ELEN E4510: Solar Energy & Smart Grid
- ELEN E6430: Appl. Quant. Optics

Background in Circuits
- ELEN E4420: Topics in Electromag.
- ELEN E4488: Optical Systems
- ELEN E6488: Optical Inter. & Inter. Net.

APPH E3100: Quan. Mech.

Green = Senior/grad; Orange = Advanced graduate; Bold border = offered regularly;
Dotted lines = recommended preparation; Updated June 2021

Recent related topics courses:
- ELEN E6905: Topic: Computational Photonics & Quantum Electronics (Fall '17)
- ELEN E6906: Topic: Low-Dimensional Nanoelectronics (Spring '15)
- ELEN E6907: Topic: Emerging Nanoelectronic Devices (Fall '19, '13-'17)
- ELEN E9301: Topic: Theory & Practice of Device Scaling (Spring '17)