

New Special Topics Course – Spring 2006

Organic Electronics & Photonics: Materials & Devices

ME EN 6960 • MSE 6050
ECE 6961 • BIOEN 6900
TH 3:40-5:00
EMRL 241

This course explores the use of carbon-based materials in electronic and photonic applications. Course topics include:

- optical and electronic processes in organic molecules and polymers
- benefits and limitations of organic materials
- light-emitting devices, solar cells, transistors, chemical sensors, lasers, xerography, non-linear optics, electrochromism, holographic data storage
- materials processing and device fabrication

For more information, please contact Debra Mascaro at dmascaro@mech.utah.edu or visit <http://www.mech.utah.edu/~me6960>

