

Senior

FPGA Lab(424/425), Adv MicroP Lab(450), Design of Biomed. Inst./Sys.(427), Elec Design Lab(448), CAD VLSI(491/492), MicroFab Lab(495)

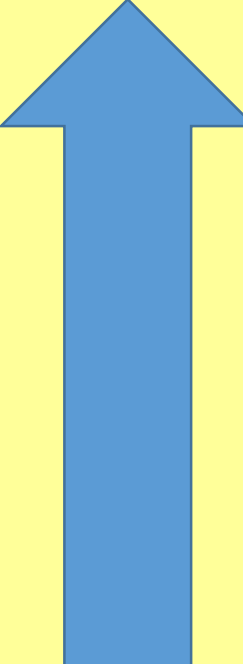
Optical Instr(403), Elec Devices(485/486), Lasers(482), Bio-Photonics Lab(483)

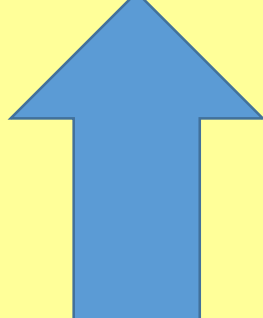
Image Proc(414/415), Audio Sig Proc.445), Med Imag (432/433/434/472/473/483), DSP(435), Control Sys Lab(454), Info Theory(447), Error Coding(460), Machine Learning(412)

Adv ECE Team Project (452/453), Senior Design Project (498/499), LIDT (462/463) Non-ECE/CS Advanced Lab

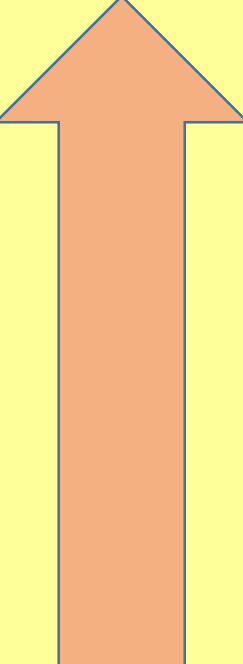
Advance Senior Courses & **Approved Advanced, Design Intensive Labs** May Cover Multiple Areas

Junior



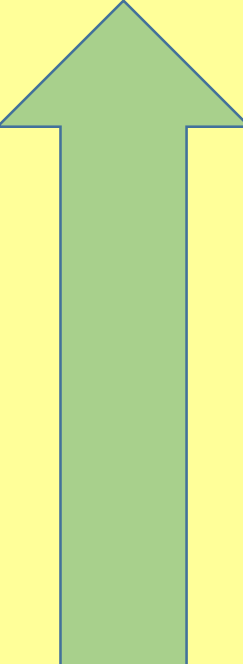
MicroP Lab 520.349 

Internet of Things Lab 520.302
Intro Mechatronics 520.340/240



Signals, Sys. & Mach. Learning 520.385
Intro. DSP 520.344

Control Systems 520.353
Intro. Bio-Insp. Process./Audio -Visual Sig. 520.315



Sophomore

Mastering Electronics 520.230

Intro VLSI 520.216

Electromagnetic Waves 520.220

Electromagnetic Waves 520.220

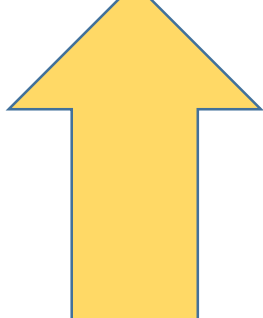
Signals & Systems 520.214

Team Design (Fre/Soph) 520.212

520.222 or 601.229 or 520.225 (ADS)

Intro. Electromagnetics 520.219

Intro. Electromagnetics 520.219



Team Design (Fre/Soph) 520.211

Freshman

Dig Sys Fund 520.142

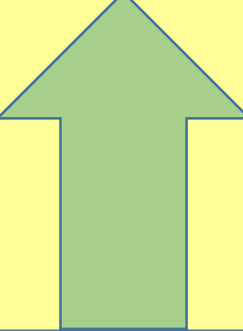
Inter. Program. 601.220

Intro Renew Energy 520.270

Light, Image, Vision 520.150

Light, Image, Vision 520.150

Comp Mods for ECE 520.123



Gateway Programming 500.112

Intro ECE 520.137

Required Course Selected Electives
Recently Introduced