

TENTATIVE TWO YEAR TECHNICAL ELECTIVE/GRAD LEVEL COURSE SCHEDULE

FALL EVEN YEARS	SPRING ODD YEARS
<p>ELEG 4203/ 5203 Semiconductor Devices (Naseem) ELEG 4403/ 5403 Control Systems (McCann) ELEG 4503/ 5503 Des. of Adv. Elec. Pwr. Dist. Sys. (Balda) ELEG 4543/ 5543 Intro Power Electronics (Zhao) ELEG 4553 Switch Mode Power Conversion (Ang) ELEG 5213 Integrated Circuit Fab. Tech. (Naseem) ELEG 5323 Semiconductor Nanostructures I (Manasreh) ELEG 587V Special Topics- Eng. Technical Writing (Manasreh) ELEG 587V Special Topics (Ware) ELEG 587V Special Topics (Ang)</p>	<p>ELEG 4233/ 5923 Intro Integrated Circuit Design (Chen) ELEG 4463L Control Systems Laboratory (Saunders) ELEG 4523/ 5523 Quality of Electric Power (Balda) ELEG 4783/ 5783 Intro to Antennas (El-Shenawee) ELEG 487V/ 587V Special Topics (Younes) ELEG 487V/ 587V Special Topics- Cybersecurity of Elec. Pwr. SCADA Systems (McCann) ELEG 4983 Computer Architecture (Andrews) ELEG 5273 Electronic Packaging (Ang) ELEG 5293L IC Fab. Lab. (Naseem) ELEG 5353 Semi. Optoelectronics Devices (Yu) ELEG 5413 Modern Control Systems (McCann) ELEG 5633 Detection and Estimation (Wu) ELEG 5723 Adv. Microwave Design (El-Ghazaly) ELEG 5763 Adv. Emag. Scattering & Transmission (El-Shenawee) ELEG 587V Special Topics- Eng. Technical Writing (Manasreh) ELEG 587V Special Topics- Intro Integrated Photonics (Yu)</p>
FALL ODD YEARS	SPRING EVEN YEARS
<p>ELEG 4203/ 5203 Semiconductor Devices (Naseem) ELEG 4323 Switch Mode Power Conversion (Ang) ELEG 4403/ 5403 Control Systems (McCann) ELEG 4503/ 5503 Des. of Adv. Elec. Pwr. Dist. Sys. (Balda) ELEG 4543/ 5543 Intro Power Electronics (Zhao) ELEG 4623 Communication Systems (Wu) ELEG 4914 Adv. Digital Design (Peng) ELEG 5213 Integrated Circuit Fab. Tech. (Naseem) ELEG 5243L Microelectronic Fabrication Techniques and Procedures (Porter) ELEG 5323 Semiconductor Nanostructures I (Manasreh) ELEG 5663 Communication Theory (Wu) ELEG 587V Special Topics- Eng. Technical Writing (Manasreh) ELEG 587V Special Topics (Ware) ELEG 587V Special Topics (Ang) ELEG 587V Special Topics (McCann)</p>	<p>ELEG 4223/ 5223 Design/Fab of Solar Cells (Naseem) ELEG 4233/ 5923 Intro Integrated Circuit Design (Chen) ELEG 4423/ 5423 Optimal Control (McCann) ELEG 4463L - Control Systems Laboratory (Saunders) ELEG 4533/ 5533 Power Electronics and Motor Drives (Zhao) ELEG 4783/ 5783 Intro to Antennas (El-Shenawee) ELEG 487V/ 587V Special Topics- Intro System Integration (Spiesshoefer) ELEG 487V/ 587V Special Topics- EMI in Pwr. Elect. (Luo) ELEG 4983 Computer Architecture (Andrews) ELEG 5273 Electronic Packaging (Ang) ELEG 5363 Semi. Material and Device Characterization (Yu) ELEG 5623 Information Theory (Wu) ELEG 587V Special Topics- Intro Integrated Photonics (Yu) ELEG 587V Special Topics- Cybersecurity of Elec. Pwr. SCADA Systems (McCann) ELEG 587V Special Topics (El-Ghazaly)</p>