

## TENTATIVE TWO YEAR TECHNICAL ELECTIVE/GRAD LEVEL COURSE SCHEDULE

FALL EVEN YEARS	SPRING ODD YEARS
ELEG 4233/5923/CSCE 4333 – Intro to IC Design (Brown) 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 4703/5703 – RF & Microwave Design (El-Shenawee) ELEG 4293/5993 – Mixed-Signal Modeling & Simulation (Mantooth) ELEG 4623/5663 – Communication Systems (Wu) ELEG 5213 – IC Fab Tech (Naseem) ELEG 5243 – Microelectronic Fabrication Techniques and Procedures (Porter/Glover) ELEG 5263L – IC Design Lab II (Brown) ELEG 5323 – Semiconductor Nanostructures I (Manasreh) ELEG 5423 – Optimal Control Systems (McCann) ELEG 5801 – Written & Oral Communications (Brown) ELEG XXXX – SC Material & Device Characterizations (Yu)	ELEG 4303 – Intro to Nanomaterials/Devices (Manasreh) ELEG 4413/5413 – Adv/Modern Control Systems (McCann) ELEG 4463L – Control Systems Laboratory (Li) ELEG 4513/5513 – Power Systems Analysis (McCann) ELEG 4603/ELEG 5173L – Digital Signal Processing Lab (Wu) ELEG 4783/5783 – Intro to Antennas Design (El-Shenawee) ELEG 4914/5914 – Adv Digital Design (Smith) ELEG 5243 – Microelectronic Fabrication Techniques and Procedures (Porter/Glover) ELEG 5253L – IC Design Lab I (Brown) ELEG 5273 – Electronic Packaging (Ang) ELEG 5293 – IC Fab Lab ELEG 5453 – Adaptive Control Systems (Martin) ELEG 5523 – Electric Power Quality (Balda) ELEG 5801 – Written & Oral communications (Brown)
FALL ODD YEARS	SPRING EVEN YEARS
ELEG 4233/5923/CSCE 4333 – Intro to IC Design (Brown) ELEG 4323 – Switch Mode Power Conversion (Ang) ELEG 4403/5403 - Control Systems (McCann) ELEG 4403/5503 - Des of Adv Elec Pwr Dist Sys (Balda) ELEG 5243 – Microelectronic Fabrication Techniques and Procedures (Porter/Glover) ELEG 5263 – IC Design Lab II (Brown) ELEG 5313 – Power Semiconductor Devices (Mantooth) ELEG 5323 – Semiconductor Nanostructures I (Manasreh) ELEG 5443 – Nonlinear Control Systems (McCann) ELEG 5693 – Wireless Communications (Wu) ELEG 5763 – Advanced Scattering & Trans. (El-Shenawee) ELEG 5801 – Written & Oran Communications (Brown) ELEG XXXX – Semiconductor Optoelectronic Devices (Yu)	ELEG 4223/5223 – Design/Fab of Solar Cells (Naseem) ELEG 4243 – Analog Integrated Circuits (Ang) ELEG 4303 – Intro to Nanomaterials/Devices (Manasreh) ELEG 4413/5413 - Adv/Modern Control Systems (McCann) ELEG 4433/5433 - Digital Control Systems (Martin) ELEG 4463L - Control Systems Laboratory (Li) ELEG 4603/5173L – Digital Signal Processing Lab(Wu) ELEG 4783/5783 – Intro to Antennas Design (El-Shenawee) ELEG 4914/5914 – Adv Digital Design (Smith) ELEG4513/5513 Power Systems Analysis (McCann) ELEG 5243 – Microelectronic Fabrication Techniques and Procedures (Porter/Glover) ELEG 5253L – IC Design Lab I (Brown) ELEG 5533 – PWR Elec & Motor Drives (Balda) ELEG 5801 – Written & Oral Communication (Brown)