MCEE-MS UGRD Professional Electives:

| MCEE-515 | Nanolithography Systems (Students STARTING 2221) | (spring) |
| MCEE-520 | Photovoltaic Science and Engineering | (spring) |

MCEE-MS Graduate Electives:

EEEE-605	Modern Optics for Engineers	(spring)
EEEE-610	Analog Electronics Design	(fall)
EEEE-620	Design of Digital Systems	(fall, spring)
EEEE-689	Fundamentals of MEMs	(fall)
EEEE-707	Engineering Analysis	(fall, spring)
EEEE-709	Adv. Engineering Mathematics	(fall, spring, summer)
EEEE-711	Adv. Carrier Injection Devices	(spring)
EEEE-712	Adv. Field Effect Devices	(spring)
EEEE-713	Solid State Physics	(fall)
EEEE-720	Adv. Topics-Digital Sys Design	(spring)
EEEE-722	Complex Digital Sys. Veri.	(fall)
EEEE-771	Optoelectronics	(spring)
EEEE-787	MEMs Evaluation	(spring)
EEEE-799	Independents Study	(fall, spring, summer)
IMGS-616	Fourier Methods for Imaging	(fall)
IMGS-628	Design and Fabrication of Solid State Cameras	(fall)
IMGS-633	Optics for Imaging	(spring)
ISEE-682	Lean Six Sigma Fundamentals	(fall, spring, summer)
ISEE-781	Excellence in New Product Development	(fall)
MCEE-615	Nanolithography Systems	(fall, spring)
MCEE-620	Photovoltaic Science & ENGR	(spring)
MCEE-704	Phys Modeling Semicon Dev	(fall)
MCEE-706	SiGe & SOI Dev & Technologies	(spring)
MCEE-713	Physics of Nanostuctures	(fall)
MCEE-730	Metrology for Failure Analysis and Yield of ICs	(fall)
MCEE-770	Microelectromechanical Sys	(fall)
MCEE-799	Graduate Independent Study	(fall, spring, summer)
MCSE-713	Lasers	(fall)
MCSE-714	Quantum Mechanics for ENGR	(fall)
MFET-655	Surface Mount Electronics Manufacturing	(fall)
MTSE-601	Materials Science (Int. Material (Science Lab)	(fall)
MTSE-601	Materials Science (Laboratory)	(fall)
MTSE-602	Polymer Science	(spring)
MTSE-617	Material Degradation	(fall)
MTSE-632	Solid State Science	(fall)
MTSE-704	Theoretical Methods in Materials Science and Engineering	(fall)
PHYS-612	Classical Electrodynamics II	(spring)
PROF-710	Project Management	(fall, spring, summer)
STAT-621	Statistical Quality Control	(fall, spring)
STAT-642	Applied Linear Models – ANOVA	(fall, spring)
STAT-670	Design of Experiments	(fall, spring)