Course	Class Name	Fall	Spring	Frequency	Instructor
ECE 6302	Introduction To Neuroengineering	x		Once per year	Sheth, Bhavin
ECE 6305	Power Electronic Converters and Control	x		Once per year	Krishnamoorthy, Harish
ECE 6306	Introduction to Nanotechnology				Litvinov, Dmitri
ECE 6309	Microlithography			Infrequently (about every 5 years)	Ruchhoeft, Paul
ECE 6311	Introduction to Robotics	x		Once per year	Becker, Aaron
ECE 6317	Adjustable speed Motor Drive systems	x		Once per year	Rajashekara, Kaushik
ECE 6318	Power Converters: Modeling and Applications		x	Once every year	Krishnamoorthy, Harish
ECE 6319	Dynamics of Electric Machines	x		Once per year	Gokdere, Levent
ECE 6321	Principles of Internetworking	x			Wolfe, John
ECE 6323	Opical Fiber Communications				Le, Han
ECE 6325	State-Space Control Systems	x		Once per year	Provence, Steve
ECE 6327	Smart Grid Systems		x	Once per year	Li, Xingpeng
ECE 6328	CMOS Analog Integrated Circuit	x			Chen, Jinghong
ECE 6331	Advanced Telecommunications				Han, Zhu
ECE 6333	Detection and Estimation		x	Once every two years	Han, Zhu
ECE 6335	Digital Control Systems			Once per year	Provence, Steve
ECE 6337	Stochastic Processes	x			Prasad, Saurabh
ECE 6339	Biophotonics	x			Shih, Wei-Chuan
ECE 6340	Intermediate Electromagnetic Waves	x		Once per year	Chen, Jiefu
ECE 6341	Advanced Electromagnetic Waves		x	Once every two years	Chen, Jiefu
ECE 6342	Digital Signal Process	x			Hebert, Thomas
ECE 6343	Renewable Energy and Distributed Generation		x	Once per year	Rajashekara, Kaushik
ECE 6345	Microstrip Antennas			Infrequently (about every 5 years)	Jackson, David
ECE 6346	VLSI Design		x		Joardar, Biresh Kumar
ECE 6348	Materials Science of Thin Films		x		Wolfe, John
ECE 6351	Microwave Engineering	x		Once per year	Chen, Ji
ECE 6352	Antenna Engineering		x	Once per year	Long, Stuart
ECE 6353	RF and Microwave Electronics		x		Chen, Jinghong
ECE 6358	Optoelectronics & Photonics				Le, Han
ECE 6360	GPU Programming	x		Once per year	Mayerich, David
ECE 6364	Digitan Image Processing		x	Once per year	Hebert, Tom
ECE 6370	Advanced Digital Design		x	Once per year	Chen, Yuhua
ECE 6372	Advanced Hardware Design	x		Once per year	Chen, Yuhua
ECE 6373	Advanced Computer Architechure	x			Fu, Xin
ECE 6374	State-Space Estimation with Physiological Applications		x	Once per year	???
ECE 6377	Power Systems Analysis	x			Phillips, Desiree
ECE 6379	Power Systems Operation and Modeling	x		Once per year	Li, Xingpeng
ECE 6381	Sparse Representations for Signal Processing		x	Once every two years	Prasad, Saurabh
ECE 6382	Engineering Analysis I	x		Once per year	Jackson, David
ECE 6384	MEMS and Nano Devices		x		Shih, Wei-Chuan
ECE 6397	Introduction to Cybersecurity		x		Pan, Miao
ECE 6397	Big Data		x	Once every two years	Han, Zhu
ECE 6397	Selected Topics - Advanced Batteries II				Yao, Yan
ECE 6397	Selected Topics - Advanced Imaging Techniques	x			Shan, Xiaonan
ECE 6397	Selected Topics - Applied Optics and Micro/Nanophotonics				Shih, Wei-Chuan
ECE 6397	Selected Topics - Electrochemical Synthesis of Functional Materials				Brankovic, Stanko
ECE 6397	Selected Topics - Hardware Verification				Le, Hung
ECE 6397	Selected Topics - Inverse Problems		x	Once every two years	Chen, Jiefu
ECE 6397	Selected Topics - Neutral Networks and Deep Learning		x		Nguyen, Hien
ECE 6397	Selected Topics - Power System Operaqtoin and Modeling	x		Once per year	Li, Xingpeng
ECE 6466	Integrated Circuit Engineering	x			Wosik, Wanda
ECE 7349	Advanced Microelectronics		x	Once every two years	Chen, Jinghong
ECE 7373	Advanced Topics in Computer Architecture		x		Fu, Xin
ECE 7366	Advanced Process Integration VLSI		x	Once every year	???