

## Electrical and Computer Engineering Course Schedule Fall 2017

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*Updated September 6, 2017 (revisions are in **red**)*

Course #	Title	Day-Times (Location)	Instructor(s)
EN.520.137 (01)	Intro to Elec & Comp Eng	MWF 12:00PM - 12:50PM ( <b>Shaffer 100</b> )	T. Tran
EN.520.211 (04,06)	ECE Engineering Team Project (Freshmen and Sophomores)	Th 4:30PM - 5:45PM	See sections for instructor(s)
EN.520.219 (01)	Introduction to Electromagnetics ( <i>formally Fields, Matter &amp; Waves</i> )	MF 3:00PM - 4:15PM (Lec) ( <b>Shaffer 300</b> ) W 3:00PM - 4:15PM (Lab) ( <b>Hackerman 224</b> )	M. Foster
EN.520.230 (01)	Mastering Electronics	MW 1:30PM - 2:20PM (Lec) ( <b>Shaffer 101</b> ) F 10:00AM - 11:50AM (Lab) ( <b>Hackerman 224</b> )	A. Foster
EN.520.230 (02)	Mastering Electronics	MW 1:30PM - 2:20PM (Lec) ( <b>Shaffer 101</b> ) F 1:00PM - 2:50PM (Lab) ( <b>Hackerman 224</b> )	A. Foster
EN.520.230 (03)	Mastering Electronics	MW 1:30PM - 2:20PM (Lec) ( <b>Shaffer 101</b> ) Th 1:00 - 2:50PM (Lab) ( <b>Hackerman 224</b> )	A. Foster
EN.520.250 (01)	Leading Innovation Design Team	F 12:30PM - 1:20PM ( <b>Shaffer 303</b> )	C. Rizk
EN.520.270 (01)	Intro to Renewable Energy Engineering	TTh 9:00AM - 10:15AM ( <b>Shaffer 202</b> )	S. Thon
EN.520.315 (01)	Intro to Information Processing of Sensory Signals	TTh 10:30PM - 11:45PM ( <b>Shaffer 202</b> )	H. Hermansky
EN.520.340 (01)	Introduction to Mechatronics	F 1:30PM - 2:50PM (Lec) ( <b>Barton 123</b> ) F 3:00PM - 5:00PM (Lab) ( <b>Barton 123</b> )	C. Rizk
EN.520.349 (01)	Microprocessor Lab I	Th 8:00AM - 8:50AM (Lec) ( <b>Hodson 311</b> ) Th 10:30AM - 1:20PM (Lab) ( <b>Barton 123</b> )	R. Glaser
EN.520.349 (02)	Microprocessor Lab I	Th 8:00AM - 8:50AM (Lec) ( <b>Hodson 311</b> ) Th 1:30PM - 4:20PM (Lab) ( <b>Barton 123</b> )	R. Glaser
EN.520.412/520.612 (01)	Machine Learning for Signal Processing	MW 1:30PM - 2:45PM (Lec) ( <b>Shaffer 300</b> ) T 3:00PM - 5:00PM (Lab) ( <b>Bloomberg 168</b> )	N. Dehak
EN.520.414/520.614 (01)	Image Processing & Analysis	MW 4:30PM - 5:45PM ( <b>Gilman 132</b> )	J. Goutsias
EN.520.424/520.644 (01)	FPGA Synthesis Lab	Th 4:00PM - 5:50PM (Lec) ( <b>Maryland 109</b> ) T 3:00PM - 5:20PM (Lab) ( <b>Barton 123</b> )	P. Pouliquen
EN.520.424/520.644 (02)	FPGA Synthesis Lab	Th 4:00PM - 5:50PM (Lec) ( <b>Maryland 109</b> ) M 3:00PM - 5:20PM (Lab) ( <b>Barton 123</b> )	P. Pouliquen

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EN 520.427/520.657 (01)	Product Design Lab	<b>Th 11:00AM – 12:00PM (Lec) (Barton 120)</b> <b>F 3:00PM – 5:30PM (Lab) (Barton 120)</b>	<b>I. Gannot</b>
EN.520.432/520.632 (01)	Medical Imaging Systems	TTh 10:30AM - 11:45AM <b>(Hackerman 320)</b>	M. Bell
EN.520.435/520.635 (01)	Digital Signal Processing	TTh 10:30AM - 11:45AM <b>(Mudd 26)</b>	H. Weinert
EN.520.445/520.645 (01)	Audio Signal Processing	TTh 1:30PM - 2:45PM <b>(Gilman 50)</b>	M. Elhilali
EN.520.452 (04,06)	Advanced ECE Engineering Team Project (Juniors and Seniors)	Th 4:30PM - 5:45PM	See sections for instructor(s)
EN.520.454/520.654 (01)	Control Systems Design	MWF 11:00AM - 11:50AM <b>(Hodson 211)</b>	P. Iglesias
EN.520.462 (01)	Leading Innovation Team Design	F 12:30PM – 1:20PM <b>(Shaffer 303)</b>	C. Rizk
<del>EN.520.483/520.683 (01)</del>	<del>Biophotonics Lab</del> <b>CANCELLED</b>	<del>Th 2:00PM – 5:30PM (Barton 120)</del>	<del>I. Gannot</del>
EN.520.491/520.691 (01)	CAD Design of Digital VLSI Systems I (Seniors/Grads)	MW 3:00 - 4:15PM <b>(Hodson 303)</b>	R. Etienne-Cummings
EN.520.495 (01)	Microfabrication Lab	W 1:30PM - 2:20PM (Lec) <b>(Gilman 132)</b> Th 8:00AM - 11:50PM (Lab) <b>(Clark 119A)</b>	A. Andreou/J. Wang
EN.520.495 (02)	Microfabrication Lab	W 1:30PM - 2:20PM (Lec) <b>(Gilman 132)</b> Th 1:00PM - 4:50PM (Lab) <b>(Clark 119A)</b>	A. Andreou/J. Wang
EN.520.495 (03)	Microfabrication Lab	W 1:30PM - 2:20PM (Lec) <b>(Gilman 132)</b> Th 5:00PM - 8:50PM (Lab) <b>(Clark 119A)</b>	A. Andreou/J. Wang
EN.520.495 (04)	Microfabrication Lab	W 1:30PM - 2:20PM (Lec) <b>(Gilman 132)</b> F 1:00PM - 4:50PM (Lab) <b>(Clark 119A)</b>	A. Andreou/J. Wang
EN.520.498	Senior Design Project		See sections for instructor(s)
EN.520.503	Independent Study (Juniors/Seniors)		See sections for instructor(s)
EN.520.506	ECE Undergraduate Research		See sections for instructor(s)
EN.520.516	ECE Group Undergraduate Research		See sections for instructor(s)

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EN.520.600 (01)	Electrical & Computer Engineering Seminar	T 3:00PM - 4:15PM ( <b>Olin 305</b> ) Th 3:00PM - 4:15PM ( <b>Olin 305</b> )	P. Iglesias
EN.520.613 (01)	Adv Topics in Optical Medical Imaging	T 3:00PM - 5:30PM ( <b>Maryland 201</b> )	J. Kang
EN.520.616 (01)	Processing of Audio and Visual Signals	The 10:30AM – 11:45AM ( <b>Shaffer 202</b> )	H. Hermansky
EN.520.621 (01)	Introduction To Nonlinear Systems	MW 1:30 – 2:45PM ( <b>Gilman 186</b> )	P. Iglesias
EN.520.622 (01)	Principles of Complex Networked Systems	MW 1:30PM - 2:45PM ( <b>Hodson 301</b> )	J. Goutsias
EN.520.629 (01)	Networked Dynamical Systems	TTh 1:30PM - 2:45PM ( <b>Hodson 305</b> )	E. Mallada
EN.520.646 (01)	Wavelets & Filter Banks	MWF 11:00AM - 11:50AM ( <b>Croft G02</b> )	T. Tran
EN.520.651 (01)	Random Signal Analysis	MWF 3:00PM - 4:20PM ( <b>Maryland 217</b> )	A. Venkataraman
EN.520.701 (01)	Current Topics in Language and Speech Processing	T 12:00PM - 1:15PM ( <b>Hackerman B17</b> ) F 12:00PM - 1:15PM ( <b>Hackerman B17</b> )	S. Khudanpur
EN.520.735 (01)	Sensory Information Processing	F 3:00PM – 5:00PM ( <b>Gilman 119</b> )	A. Andreou
EN.520.773 (01)	Adv Topics in Fabrication and Microengineering	W 1:30PM - 2:20PM (Lec) ( <b>Gilman 132</b> ) Th 8:00AM - 11:50AM (Lab) ( <b>Clark 119A</b> )	A. Andreou/J. Wang
EN.520.773 (02)	Adv Topics in Fabrication and Microengineering	W 1:30PM - 2:20PM (Lec) ( <b>Gilman 132</b> ) Th 1:00PM - 4:50PM (Lab) ( <b>Clark 119A</b> )	A. Andreou/J. Wang
EN.520.773 (03)	Adv Topics in Fabrication and Microengineering	W 1:30PM - 2:20PM (Lec) ( <b>Gilman 132</b> ) Th 5:00PM - 7:50PM (Lab) ( <b>Clark 119A</b> )	A. Andreou/J. Wang
EN.520.773 (04)	Adv Topics in Fabrication and Microengineering	W 1:30PM - 2:20PM (Lec) ( <b>Gilman 132</b> ) F 1:00PM - 4:40PM (Lab) ( <b>Clark 119A</b> )	A. Andreou/J. Wang
EN.520.788 (01)	Biomedical Photonics II	F 2:00PM - 4:30PM ( <b>Clark 210</b> )	X. Li
EN.520.800	Independent Study		See sections for instructor(s)
EN.520.801	Dissertation Research		See sections for instructor(s)