

BS Electrical Engineering (EEEN)

Course	Course Title	Pre-Requisite (Course #)	Co-Requisite (Course #)	Rotation (odd/even/every year(s))		
				Fall	Spring	Summer
ENGR 1201	Introduction to Engineering	MATH 1314		Every	Every	
ENGR 2106	Digital Systems Lab		ENGR 2306, SMTE 0099	Every	Every	
ENGR 2306	Digital Systems I	MATH 2305	MATH 2305, ENGR 2106	Every	Every	
ENGR 2325	Statics	PHYS 2425, MATH 2414	MATH 2414	Every	Every	Every
ENGR 2460	Circuit Analysis	PHYS 2426, MATH 2414, MATH 3315	MATH 3315	Every	Every	Every
ENGR 3316	Thermodynamics	PHYS 2425, MATH 2414		Every	Every	Every
ENGR 3322	Materials Science	CHEM 1411, PHYS 2425		Every	Every	Every
ENGR 4240	Project Management	EEEN 3330, EEEN 3310, EEEN 3350		Every	Every	
ENGR 4370	Capstone Project	ENGR 4240		Every	Every	
ENGR 4420	Engineering Lab Measurements	PHYS 2426, (MATH 3342 or MATH 3345)		Every	Every	
EEEN 3310	Electromagnetic Theory	PHYS 2426, MATH 2415, MATH 3315, EEEN 3315			Every	

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EEEN 3315	Electrical Circuits II	(ENGR 2305 or ENGR 2460)		Every	Every	Every
EEEN 3320	Introduction to Communication Theory and Systems	((ENGR 2305 and ENGR 2105) or ENGR 2460) and MATH 3345			Every	
EEEN 3330	Control Systems I	(ENGR 2305 or ENGR 2460) and MATH 3311			Every	
EEEN 3345	Electronic Devices and Circuits	EEEN 3315		Every		
EEEN 3350	Electronic Systems Design	(ENGR 2305 or ENGR 2460), ENGR 2306, EEEN 3315			Every	
EEEN 3418	Microprocessors and Microcontrollers	COSC 1320, (ENGR 2306 and ENGR 2106)		Every		
EEEN 4310	Signal Processing	EEEN 3320, EEEN 3330		Every		
EEEN 4333	Machine Vision and Image Processing	(COSC 1320 or COSC 1435) and (ENGR 2460 or ENGR 2305),			Every	

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		MATH 2414, EEEN 4310				
EEEN 4334	Control Systems II	EEEN 3330 or ENTC 4446		Every		
EEEN 4345	Sensors and Systems	MATH 2414 and ENGR 2460				Every