

**Department of Electrical Engineering
Graduation Checklist for the B.S. Degree**

		Term			
		Sem.	Hrs.	Taken	Grade
I.	Math and Science Requirements				
	MATH 1710 Calculus I	4		_____	_____
	MATH 1720 Calculus II	3		_____	_____
	MATH 3680 Applied Statistics	3		_____	_____
	MATH 2700 Linear Algebra and Vector Geometry	3		_____	_____
	MATH 2730 Multivariable Calculus	3		_____	_____
	MATH 3310 Differential Equations with Applications	3		_____	_____
	CHEM 1410/1430 General Chemistry	4		_____	_____
	PHYS 1710/1730 Mechanics	4		_____	_____
	PHYS 2200/2240 Electricity and Magnetism	4		_____	_____
II.	CSCE 1020 Program Development	4		_____	_____
III.	Business Courses				
	MGMT 3830 Operation Management	3		_____	_____
	MGMT 3850 Entrepreneurship	3		_____	_____
IV.	Required EE Coursework				
	EENG 2610 Circuit Analysis	3		_____	_____
	EENG 2620 Signals and Systems	3		_____	_____
	EENG 2710 Digital Logic Design	3		_____	_____
	EENG 3410 Engineering Electromagnetics	3		_____	_____
	EENG 3510 Electronics I	3		_____	_____
	EENG 3520 Electronics II	3		_____	_____
	EENG 3710 Computer Organization	3		_____	_____
	EENG 3810 Communication Systems	3		_____	_____
	EENG 4710 VLSI Design	3		_____	_____
	EENG 4810 Computer Networks	3		_____	_____
V.	Project Courses				
	EENG 1910 Project I	2		_____	_____
	EENG 1920 Project II	2		_____	_____
	EENG 2910 Project III	2		_____	_____
	EENG 2920 Project IV	2		_____	_____
	EENG 3910 Project V	2		_____	_____
	EENG 3920 Project VI	2		_____	_____
	EENG 4910 Project VII	3		_____	_____
	EENG 4990 Project VIII	3		_____	_____
VI.	EE Elective Courses				
	EENG 4010 Technical Elective	3		_____	_____
	EENG 4010 Technical Elective	3		_____	_____
VII.	Core Requirements/General Education				
	English Composition	3*		_____	_____
	Technical writing	3*		_____	_____
	Political Science	6		_____	_____
	US History	6		_____	_____
	Visual and Performing Arts	3		_____	_____
	Humanities	3		_____	_____
	Social and Behavioral Sciences	3		_____	_____
	Communication (ENGR 2060)	3*		_____	_____
	Understanding The Human Community	3		_____	_____
	*College Requirement				
VIII.	128 semester hours including 42 semester hours of advanced work				YES NO
IX.	GPA for all EE Courses (≥ 2.5)			_____	
X.	GPA for all Courses (transfer included) (≥ 2.0)			_____	