

BSET Electrical Engineering Technology Checksheet (update 02/09)

Effective Fall 2009

Last Name _____

First Name _____

Student ID _____

Math Placement Test Score _____

SEM

<u>SEM & YR</u>	<u>Course #</u>	<u>Course Name</u>	<u>Hr</u>	<u>Grade</u>	<u>Pre/Co-Requisites</u>	<u>Comments</u>
Freshman - Fall						
_____	ELET 1101	Simulation & Schematic Capture	1	_____		_____
_____	ELET 1111	DC Circuits	3	_____	ELET 1101, 1111L, MATH 1100	_____
_____	ELET 1111L	DC Circuits Laboratory	1	_____	ELET 1101, 1111	_____
_____	ETGR 1100	ET Computer Applications	3	_____		_____
_____	ETGR 1201	Intro to Engineering Technology	2	_____	<i>MATH 1100*</i>	_____
_____	ENGL 1101	English Composition	3	_____		_____
_____	MATH 1100 ⁽¹⁾	College Algebra & Probability	3	_____		_____
		Total	16			

Freshman - Spring

_____	ELET 1212	AC Circuits	3	_____	ELET 1101*, 1111*, 1111L*, 1212L , <i>MATH 1103</i>	_____
_____	ELET 1212L	AC Circuits Laboratory	1	_____	ELET 1111*, 1111L*, 1212	_____
_____	ELET 1231	Digital Circuits	3	_____	ELET 1101*, 1111*, 1111L*, 1231L	_____
_____	ELET 1231L	Digital Circuits Laboratory	1	_____	ELET 1111*, 1111L*, 1231	_____
_____	ENGL 1102	Writing in the Academic Community	3	_____	ENGL 1101*	_____
_____	MATH 1103 ⁽¹⁾	Precalc Math for Sci. & Eng.	3	_____	MATH 1100*	_____
_____	Social Science:	ANTH 1101; GEOG 1105; ECON 1101 or 2101; POLS 1110; SOCY 1101	3	_____		_____
		Total	17			

Sophomore - Fall

_____	ELET 2121	Electronics I	3	_____	ELET 1212*, 1212L*, 2121L , MATH 1103*	_____
_____	ELET 2121L	Electronics I Laboratory	1	_____	ELET 1212*, 1212L*, 2121	_____
_____	ELET 2141	Intro to Power Systems	3	_____	ELET 1212, 1212L, MATH1103*	_____
_____	PHYS 1101	Introductory Physics I	3	_____		_____
_____	PHYS 1101L	Introductory Physics I Laboratory	1	_____		_____
_____	STAT 1220	Elements of Statistics I	3	_____	MATH 1100*	_____
		Total	14			

Sophomore - Spring

_____	ELET 2201	C Programming	3	_____		_____
_____	ELET 2231	Microprocessor Fundamentals	3	_____	ELET1231, ELET2201	_____
_____	ELET 2241	Instrumentation	3	_____	ELET 1212, 1212L, 2241L , MATH 1103*	_____
_____	ELET 2241L	Instrumentation Laboratory	1	_____	ELET 1212, 1212L, 2241	_____
_____	MATH 1121	Calculus (ET)	3	_____	MATH 1103*	_____
_____	PHYS 1102	Introductory Physics II	3	_____	PHYS 1101*	_____
_____	PHYS 1102L	Introductory Physics II Laboratory	1	_____	PHYS 1101L	_____
		Total	17			

Course in *italics* can be taken as a pre or corequisite

Course in **bold** must be taken as a corequisite

* = grade of C or better required in prerequisite course

(1) Course selected based on Math Placement Test. If a student tests out of any math course (s)he must substitute a science or higher level math course as approved by the department.

(2) Major elective courses are approved by the Department as major electives for the respective program. A list is maintained in and published by the Department.

(3) William States Lee College of Engineering progression requirements mandate that all courses listed for Freshman year must be completed with a grade of C or better.

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Junior - Fall						
_____	CHEM 1251	Principles of Chemistry	3	_____		_____
_____	ELET 3113	Network Analysis	3	_____	ELET 1212*, 1212L*, MATH 1121	_____
_____	ELET 3132	Digital Systems	3	_____	ELET 1231*, 1231L*	_____
_____	ELET 3132L	Digital Systems Laboratory (W)	1	_____	ELET 1231*, 1231L*, 3132	_____
_____	ETGR 3071	ET Professional Seminar (W)	1	_____		_____
_____	ETGR 3171	Engineering Analysis	3	_____	MATH 1121	_____
_____	LBST 110X	Arts & Society	3	_____		_____
		Total	17			
Junior - Spring						
_____	ELET 3222	Electronics II	3	_____	ELET 2121*, 2121L*	_____
_____	ELET 3222L	Electronics II Laboratory (W)	1	_____	ELET 2121*, 2121L*, 3222	_____
_____	ELET 3232	Microcontroller Systems	3	_____	ELET 2201, 2231	_____
_____	ETGR 2122	Technical Programming	3	_____		_____
_____	ETGR 3222	Engineering Economics	3	_____		_____
_____	LBST 2101	Western Culture & History	3	_____		_____
		Total	16			
Senior - Fall						
_____	ELET 4142	Power Electronics / Networks	3	_____	ELET 2141, 3222, 3222L	_____
_____	ELET 4151	Communication Systems	3	_____	ELET 3222, 3222L, ETGR 3171	_____
_____	ELET 4151L	Communication Systems Lab (W)	1	_____	ELET 3222, 3222L, 4151 , ETGR 3171	_____
_____	ELET 4191	Applied Project Management	2	_____	MATH 1100*, ELET 4192	_____
_____	ELET 4192	Senior Project I (W)	2	_____	ELET 4191	_____
_____	LBST 2102	Global Connections	3	_____		_____
_____	Major Elective ⁽²⁾	_____	3	_____		_____
		Total	17			
Senior - Spring						
_____	ELET 4223	Active Filters	3	_____	ELET 3222, ETGR 3171	_____
_____	ELET 4242	Control Systems	3	_____	ELET 3113, ETGR 3171	_____
_____	ELET 4293	Senior Project II	2	_____	ELET 4191*, ELET 4192	_____
_____	LBST 221X	Ethical and Cultural Critique	3	_____		_____
_____	Major Elective ⁽²⁾	_____	3	_____		_____
		Total	14			

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