

ELECTRICAL ENGINEERING TECHNOLOGY DETAIL 4/11/2011

TCSG Program Components

COURSE TITLE	TCSG Course	SPSU Course	EET
TCSG COMMON			
English Comp I	ENGL 1101	ENGL 1101	3
English Comp II	ENGL 1102	ENGL 1102	3
Pre-Calculus	MATH 1113	MATH 1113	4
Calculus I	MATH 1131	MATH 2253	4
Public Speaking	SPCH 1101	COMM 2400	2
Arts & Culture	ARTS 1101or MUSC 1101	ARTS 2001or ARTS 2003	3
World History	HIST 1111 or HIST 1112	HIST 1111 or HIST 1112 (E2)	3
Physics I	PHYS 1111 & PHYS 1111L	PHYS 1111K *	4
Physics II	PHYS 1112 & PHYS 1112L	PHYS 1112K*	4
Technical Writing	ENGL 1105	TCOM 2010	3
Chemistry I	CHEM 1211 & CHEM 1211L	CHEM 1211K	4
Eng Graphics I	DFTG 2010**	ENGR 1211	2
TCSG Common Subtotal			39

TCSG SPECIFIC			
Calculus II	MATH 1132	MATH 2254	4
Orientation	ENGT 1000	ECET 1000	2
Fundamentals	ECET 1101	ECET 1011	3
Circuits I	ECET 2101	ECET 1100	4
Digital I	ECET 1110	ECET 1200	4
Electronics I	ECET 2120	ECET 2300	4
TCSG Option Specific Subtotal			21
TCSG TOTAL	AAS PRE-ENGINEERING TECHNOLOGY-EET		60

NOTES:

*Calculus based Physics preferred by EET although Trig. based will be accepted.

**A two credit 2D based course is acceptable as a substitute for IET and EET.

SPSU Program Components

Course Title	SPSU Course	EET
SPSU COMMON		
Behavior Science	E3	3
American History	E1	3
Cultures & Societies	E4	3
Literature	C1	3
STS	STS 2400	2
Balance of A-E		14

SPSU DEGREE SPECIFIC		
Ordinary Diff Equa	MATH 2306	3
Circuits II	ECET 2110	4
Digital II	ECET 2210	4
Electronics II	ECET 2300	4
Digital III	ECET 3220	4
Data Comm	ECET 3400	4
High Freq Systems	ECET 3410	4
Survey of Elect Mach	ECET 3500	4
Test Eng	ECET 3600	4
Signals & Systems	ECET 3620	4
Control Systems	ECET 4610	4
Department Electives		13
Degree Specific Subtotal		56
SPSU TOTAL		70

STUDENT TOTAL	BS ENGINEERING TECHNOLOGY (BSEET)	130
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