

Alfred State

SUNY College of Technology

Electrical Engineering Technology (BS) - 600

Transfer Course Equivalency Guide

<u>First Semester:</u>	<u>Credits</u>	<u>Equivalent Credit Earned:</u>	<u>Second Semester:</u>	<u>Credits</u>	<u>Equivalent Credit Earned:</u>
ELET 1001-Seminar	1	_____	ELET 1103-Circuit Theory I	3	_____
ELET 1202-Intro to Electrical Technology	2	_____	ELET 1151-Circuit Theory Lab	1	_____
ELET 1111-Digital Logic Lab	1	_____	ELET 1142-Electronic Fabrication	2	_____
ELET 1133-Digital Logic	3	_____	MATH 2043-College Trigonometry	3	_____
COMP 1503-Freshman Composition	3	_____	PHYS 1024-General Physics I	4	_____
MATH 1033-College Algebra	3	_____	LITR xxx3-Literature Elective	3	_____
xxx3-General Education Elective	3	_____			
<u>Third Semester:</u>			<u>Fourth Semester:</u>		
ELET 2103-Electronics Theory I	3	_____	ELET 3103-Electronics Theory II	3	_____
ELET 2151-Electronics I Lab	1	_____	ELET 3151-Electronics II	1	_____
ELET 2124-Electrical Power Circuits	4	_____	ELET 4224-Alternative Energy Gen	4	_____
ELET 2143-Embedded Controller Fundamentals	3	_____	ELET 4154-Microelectronics	4	_____
MATH 1063-Technical Calculus I	3	_____	xxx3-General Education Elective	3	_____
PHYS 2023-General Physics II	3	_____			
<u>Fifth Semester:</u>			<u>Sixth Semester:</u>		
ELET 5113-Electronic Communications	3	_____	EMET 6004-Feedback Control Systems	4	_____
EMET 5004-Instrumentation	4	_____	ELET 6004-Advanced Power Systems	4	_____
SPCH 1083-Effective Speaking	3	_____	ELET 7404-Embedded & Real Time Systems	4	_____
COMP 5703-Technical Writing II	3	_____	MATH 6114-Differential Equations	4	_____
MATH 2074-Technical Calculus II	4	_____			
<u>Seventh Semester:</u>			<u>Eighth Semester:</u>		
BSET 7001-Senior Seminar & Proj Design	1	_____	BSET 8003-Senior Technical Project	3	_____
ELET xxx4-Technical Elective-Upper Level	4	_____	ELET 6143-Electrical Machines & Controls	3	_____
CHEM 5013-Applied Chemical Principles	3	_____	xxx3-Liberal Arts & Science Elective	3	_____
MATH 7113-Economic Analysis Engineering Technology	3	_____	xxx3-Liberal Arts & Science Elective	3	_____
MATH 7123-Statistics for Engineering Technology	3	_____			
PHYS 8013-Modern Physics	3	_____			