

Alfred State

SUNY College of Technology
Computer Engineering Technology (BS) – 613

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>
CISY 1113-Intro to Computer Programming	3	_____	CISY 2143-Microcomputer Systems	3	_____
ELET 1202-Intro to Electrical Technology	2	_____	ELET 1142-Electronic Fabrication	2	_____
ELET 1133-Digital Logic	3	_____	ELET 1103-Circuit Theory I	3	_____
ELET 1111-Digital Logic Lab	1	_____	ELET 1151-Circuit Theory I Lab	1	_____
COMP 1503-Freshman Composition	3	_____	MATH 2043-College Trigonometry	3	_____
MATH 1033-College Algebra	3	_____	LITR xxx3-Literature Elective	3	_____
 <u>Third Semester:</u>			 <u>Fourth Semester:</u>		
CISY 5123-Scientific Programming C++	3	_____	ELET 2163-Data Communications	3	_____
ELET 2103-Electronics Theory I	3	_____	CISY 4053-Linux/Unix Admin & Scripting	3	_____
ELET 2151-Electronics I Lab	1	_____	MATH 1063-Technical Calculus I	3	_____
ELET 2143-Embedded Controller Fund	3	_____	PHYS 2023-General Physics II	3	_____
CISY 4033-Networking I	3	_____	SOCI 1193-Marriage & Family Across Wrld Cult OR		
PHYS 1024-General Physics I	4	_____	PLSC 1043-American Government	3	_____
 <u>Fifth Semester:</u>			 <u>Sixth Semester:</u>		
xxx3-Internetworking 1 OR Approved Major Elective	3	_____	xxx3-Internetworking 2 OR Approved Major Elective	3	_____
ELET 5113-Electronic Communication	3	_____	ELET 7404-Embedded & Real Time Systems	4	_____
COMP 5703-Technical Writing II	3	_____	xxx3-Project Management OR Approved Major Elective	3	_____
MATH 2074-Technical Calculus II	4	_____	xxx3-Network Administration OR Approved Major Elective	3	_____
SPCH 1083-Effective Speaking	3	_____	MATH xxx4-Upper Level Math Elective	4	_____
 <u>Seventh Semester:</u>			 <u>Eighth Semester:</u>		
BSET 7001-Senior Seminar & Project Design	1	_____	BSET 8003-Senior Tech Project	3	_____
xxx3-Security Tools OR Approved Major Elective	3	_____	xxx3-Upper Level Major Elective	3	_____
MATH 7113-Economics Analysis for ET	3	_____	xxx3-Upper Level General Education Elective	3	_____
MATH 7123-Statistics for Engineering Tech	3	_____	xxx3-General Education Elective	3	_____
PHYS 8013-Modern Physics	3	_____	xxx3-General Education Elective	3	_____
CHEM 5013-Applied Chemical Principles	3	_____			