

Alfred State

SUNY College of Technology

Mechanical Engineering Technology (BS) - 620

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>
MECH 1203-Material Science	3	_____	MECH 1663-Manufacturing Proc/Lab	3	_____
MECH 1603-Graphics/CAD	3	_____	MECH 4003-Solid Modeling	3	_____
COMP 1503-Freshman Composition	3	_____	MECH 4523-Control Systems	3	_____
MATH 1033-College Algebra	3	_____	MATH 2043-College Trigonometry	3	_____
xxx3-General Education Elective	3	_____	PHYS 1024-General Physics I	4	_____
<u>Third Semester:</u>			<u>Fourth Semester:</u>		
MECH 3334-Statics	4	_____	MECH 4024-Dynamics	4	_____
MECH 3223-Mechanical Design Principles	3	_____	MATH 2074-Technical Calculus II	4	_____
MATH 1063-Technical Calculus I	3	_____	MECH xxx4-Mechl Systems Design OR Tech Elective	4	_____
PHYS 2023-General Physics II	3	_____	MECH xxx4-HVAC Systems OR Tech Elective	4	_____
SOCI 1193-Marriage & Family Across World Cult OR					
PLSC 1043-American Government	3	_____			
<u>Fifth Semester:</u>			<u>Sixth Semester:</u>		
MECH 7114-Applied Thermodynamics	4	_____	MECH xxx3-Manufacturing Management OR Tech Elective	3	_____
MECH 5334-Mechanics of Materials	4	_____	MATH 6114-Differential Equations	4	_____
MECH 6334-Fluid Mechanics	4	_____	COMP 5703-Technical Writing II	3	_____
LITR xxx3-Literature Elective	3	_____	SPCH 1083-Effective Speaking	3	_____
CHEM 5013-Applied Chemical Principles	3	_____	MATH 7123-Statistics for Eng Tech	3	_____
<u>Seventh Semester:</u>			<u>Eighth Semester:</u>		
EMET xxx4-Instrumentation OR Tech Elective	4	_____	BSET 8003-Senior Tech Project	3	_____
BSET 7001-Senior Sem/Proj Design	1	_____	MECH xxx3-Energy Systems OR Tech Elective	3	_____
MECH 7603-Heat Transfer	3	_____	xxx3-Liberal Arts & Science Elective	3	_____
MECH xxx3-Fluid Power System Design OR Tech Elective	3	_____	xxx3-Liberal Arts & Science Elective	3	_____
MATH 7113-Economic Analysis for ET	3	_____			
xxx3-Liberal Arts & Science Elective	3	_____			