

## BACHELOR OF TECHNOLOGY - MANUFACTURING EMPHASIS (8500)

**This Plan of Study should serve as a guide to helping students develop their class schedule and IS NOT an official Degree Plan.**

<b>TOTAL HOURS NEEDED</b>	124	<b>DEGREE REQUIREMENTS</b>	<b>NEEDED</b>
GEN ED	45	30 hours from NSU required>	<b>30</b>
TECHNOLOGY CORE	27	60 hours from 4 year institution required>	<b>60</b>
PROF TECH ELECTIVES	15	40 hours of 3000/4000 level courses required>	<b>40</b>
TECHNICAL ELECTIVES	27	50% of the major must be 3/4000>	<b>18</b>
FREE ELECTIVES	10	50% major must be completed at NSU>	<b>18</b>
AA or AS Degree:	YES or NO	Liberal Arts and Sciences>	<b>40</b>
Students with an AA or AS degree from an accredited institution under the OSRHE will have completed their General Education.		English Proficiency> Grade of "C" or above in ENGL 1113 & 1213 Am Hist & Am Govt>	<b>Yes</b>

GENERAL EDUCATION	COMPLETED				NEED	TECHNOLOGY MAJOR	COMPLETED				NEED	
	TRANSFER	2YR	4YR	GRD			NSU	TRANSFER	2YR	4YR		GRD
# ENGL 1113 Freshman Comp I					3	<b>TECHNOLOGY CORE</b>						
# ENGL 1213 Freshman Comp II					3	TECH 3003 Concepts of Industry						3
# SPCH 1113 Fund Oral Communications					3	# TECH 3023 Technology & Society						3
<b>HUMANITIES</b>					6	TECH 3033 Fund of Supervision OR						3
# Hum 2113, Hum 2223, Hum 2403, Hum 2333, Engl 3413, Phil 1013, Hist 1113, Rel 2553,						MGMT 3183 Principles of Management						3
# Art 2033, Mus 2003, Mus 2543, Mus 2643,						TECH 4023 Occ & Env Safety						3
# Mus 2743, Hum/Thtr 2763, Hum/Thtr 2843,						TECH 4043 Senior Seminar						
# or 3 hours foreign language						<b>Manufacturing Emphasis:</b>						
# GEOG 2243 Fund Geography					3	TECH 3013 Industrial Processes						3
# POLS 1113 American Federal Govt					3	TECH 4013 Quality Assurance Systems						3
# HIST 1483 or 1493 Am History					3	TECH 3523 Comp. & Supervisors OR						3
# QUANTITATIVE ANALYSIS					3	TECH 3203 Engineering Graphics						3
# Math 1473,1513,1613,2113,2253,2423,2614, 3023,3513; Soc 3323; Badm 3933; CS 2013, 2163,CS/IS 3023, IS 3043,3033					3	TECH 4003 Production Planning OR						3
# PHYSICAL SCIENCE					3	MGMT 3213 Prod. Operations Mgmt						
# GPS 1114, Chem 1123, EPhy 1003,					3	<b>PROFESSIONAL TECHNICAL UPPER LEVEL ELECTIVES</b>						15
# Geol 1114; Sci 1314, 3123; Phys1115						_____						
# BIOLOGICAL SCIENCE					3	_____						
# Biol 1114,3413; Bot 1123,2213; Zool 1123					3	_____						
# H ED 1113 Personal Health or					3	TECHNICAL ELECTIVES						27
# HFS 1653 Basic Nutrition						_____						
P ED 1hr Physical Ed					1	_____						
ORIE 1002 College Strategies					2	_____						
COMPUTER LITERACY						_____						
IS/CS 1003 Computers in Modern Soc					3	_____						
IS 1133 Fundamentals of Computer Usage						_____						
GENERAL EDUCATION ELECTIVES					4-6 hours required	_____						
1 course from one of the following categories					1-3	_____						
# except Business & Technology:						_____						
Language & Fine Art: Art 1203,1253,1213, MC 1103,2103,Mus 1002,1531,1541,2553,2563,						_____						
# Spch 3103,3213,3713,Thtr 2763,4303,4723						_____						
Social Science: Anth 2223,Crj 1013,Hist 1113, 1213,Psyc 1003,Soc 1113, 2023						_____						
Business & Technology: TECH 3023					See Technology Core	_____						
Health & Family Education: Hfs 1103, 1653, Hed 2212, 2221, 2 hours of PE						_____						
Quantitative Analysis: courses listed above under Quantitative Analysis plus Phil 1023 and Psyc 3553						_____						
LAS Free Electives Lower Div						<b>FREE ELECTIVES UPPER DIV</b>						10
Non-LAS Free Electives Lower Div						# LAS						
						Non-LAS						

# Indicates a Liberal Arts & Science Course \*Prerequisites Required

**NOTE: Business majors must earn a grade of "C" or higher in all Business Core and major courses.**

**Please consult with your advisor each semester prior to enrolling.**