



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

NTC Program: SAFETY ENGINEERING TECHNOLOGY

MSUM Program: Operations Management: Technical Management BS

Minimum GPA for admission: 2.0

Initial effective date:

General Education Courses

NTC			MSUM		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-801-195	Written Communications <u>OR</u>	3		Goal Area 1B	3
10-901-136	English Composition I		ENGL 101	English Composition I	
10-801-196	Oral/Interpersonal communication	3	COMM 100	Speech Communication	3
10-809-195	Economics	3	ECON 100	The American Economy	3
10-809-172	Intro to Diversity Studies <u>OR</u>	3		Goal Area 7	3
10-809-196	Intro to Sociology		SOC 110	Introduction to Sociology	
10-809-199	Psychology of Human Relations <u>OR</u>	3	PSY 220	Social Behavior	3
10-809-198	Intro to Psychology		PSY 113	General Psychology	
10-804-195	College Algebra w Apps (3 cr.) <u>OR</u>	3 or 4	MATH 127	College Algebra	0-3
10-804-118	Intermediate Algebra (4 cr.)			NA	
10-806-139	Survey of Physics	3		NA	0
10-890-165	College 101	1			
Total general education credits earned:		22-23			
Total transferable general education credits:		15-18	Total general education credits accepted:		15-18

Occupational Courses

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-623-147	Lean Manufacturing Fundamentals	2			
10-196-189	Team Building and Problem Solving	3			
10-623-200	Interpreting Engineering Drawings	1			
10-449-101	Workers Compensation	2			
10-449-102	Incident Investigation in the Workplace	3			
10-449-104	Safety Management Systems	3			
10-449-105	OSHA Compliance	3			
10-623-125	Workplace Ergonomics	2			
10-623-173	Introduction to Six Sigma	3			
10-506-103	Environmental Regulations & Compliance	4			
10-506-101	Emergency Spill & Response	3			
10-606-105	Technical Drafting/Cad <u>OR</u>				
Technical credits accepted in transfer as block. Additional credits will be accepted as unrestricted elective credits					30+12

10-606-133	Solidworks 1 <u>AND</u>	2		
10-606-134	Solidworks 2			
10-499-121	OSHA Workplace Safety Training Strategies	3		
10-506-100	Environmental Management Systems	3		
10-506-104	Fundamentals of Industrial Hygiene	3		
	Total occupational course credits earned:	40	Total occupational course credits accepted:	42
	Total credits required for graduation:	62-63		
	Total transferable credits:	57-60	Total credits accepted at MSUM:	57-60

Courses needed to complete degree at MSUM:

Course No.	Course Title	Credits
	MnTC/ Gen Ed Goal Area (LASC) *	22-25
ACCT 230	Principles of Accounting I	3
OM 470	Purchasing & Sourcing Management	3
MGMT 260	Principles of Management	3
OM 380	Methods Improvement	3
OM 393	Occupational Safety & Health	3
OM 483	Cost Analysis	3
OM 395	Computer Applications for Technologists	3
OM 469	Internship	3
OM 482	Quality Management	3
OM 485	Production Inventory Management	3
PMGT 385	Process Leadership	3
PMGT 300	Project Management and Scheduling	3
	Elective (consult MSUM advisor)	0-2
MATH 127	College Algebra	0-3
MATH 234	Introduction to Probability & Statistics	3
ECON 202	Principles of Economics I: Micro	3
	*These courses are required, but may also count toward LASC	
	Total credits needed at MSUM to complete degree:	60-63

Disclaimer: Students planning to transfer should contact NTC Transfer Specialist and transfer personnel at MSUM for the most current information.

UPDATED 8/3/23