



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

NTC Program: AUTOMOTIVE 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 Communication <u>OR</u>	3		Goal Area 1B	3
10-801-136	English Composition I		ENGL 101	English Composition I	
10-804-107	College Mathematics	3		NA	
10-806-143	College Physics	3		NA	
10-809-198	Intro to Psychology <u>OR</u>	3	PSY 113	General Psychology	3
10-809-199	Psychology of Human Relations		PSY 220	Social Behavior	
10-801-196	Oral/Interpersonal Communication	3	COMM 100	Speech Communication	3
10-809-195	Economics	3	ECON 100	The American Economy	3
10-890-165	College 101	1			
Total general education credits earned:		19			
Total transferable general education credits:				Total general education credits accepted:	12

Occupational Courses

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-442-180	AUTOMOTIVE WELDING	1			
10-602-103	ENGINE REPAIR 1	2			
10-602-107	AUTO SERVICE FUNDAMENTALS	2			
10-602-149	MANUAL DRIVE TRAIN AND AXLES	4			
10-602-123	ENGINE REPAIR 2	3			
10-602-125	ELECTRICAL & ELECTRONIC SYSTEMS 1	2			
10-602-127	ELECTRICAL & ELECTRONIC SYSTEMS 2	3			
10-602-104	BRAKE SYSTEMS	3			
10-602-124	STEERING & SUSPENSION SYSTEMS	3			
10-404-126	SERVICE ADVISOR TECHNIQUES	2			
10-602-109	AUTO TRANSMISSION/TRANSAXLE	4			
10-602-128	ELECTRICAL & ELECTRONIC SYSTEMS 3	3			
10-602-195	ADVANCED CHASSIS SYSTEMS	2			
10-602-152	HYBRID DRIVETRAINS	2			
10-602-196	CLIMATE CONTROL SYSTEMS	3			
				Technical credits accepted in transfer as a block. Additional credits will be accepted as unrestricted elective credits.	30+16

10-602-197	ENGINE PERFORMANCE 1	3		
10-602-198	ENGINE PERFORMANCE 2	4		
	Total occupational course credits earned:	46		Total occupational course credits accepted: 46
	Total credits required for graduation:	65		

Total transferable credits:	58
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Total credits accepted at MSUM:	58
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Courses needed to complete degree at MSUM:

Course No.	Course Title	Credits
	MnTC/ Gen Ed Goal Area *	28
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
<i>MATH 127</i>	<i>College Algebra</i>	3
<i>MATH 234</i>	<i>Introduction to Probability & Statistics</i>	3
<i>ECON 202</i>	<i>Principles of Economics I: Micro</i>	3
	<i>*These courses are required, but may also count toward LASC</i>	
Total credits needed at MSUM to complete degree:		64

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

UPDATED 8/3/23