



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

NTC Program: IT - NETWORK SPECIALIST

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
10-801-196	Oral/Interpersonal Communications <u>OR</u>	3	COMM 100	Speech Communications	3
10-801-198	Speech			Goal Area 1B	
10-801-195	Written Communication <u>OR</u>	3	ENGL 101	English Composition I	3
10-801-136	English Composition 1			NA	
10-809-103	Think Critically & Creatively	3		NA	
10-801-197	Technical Reporting	3		NA	
10-809-199	Psychology of Human Relations <u>OR</u>	3	PSY 220	Social Behavior	3
10-809-198	Intro to Psychology			PSY 113	
10-804-133	Math & Logic	3		Goal Area 4	3
10-890-165	College 101	1			
Total general education credits earned:		19			
Total transferable general education credits:		12		Total general education credits accepted:	12

Occupational Courses

Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-150-185	Cisco 1 - Network Communications 1	3		Technical credits accepted in transfer as block. Additional credits will be accepted as unrestricted elective credits.	30+11
10-150-114	Principles of Information Security	2			
10-154-100	Computer Fundamentals 1	3			
10-154-102	Computer Fundamentals 2	3			
10-150-186	Cisco 2 - Network Communications 2	3			
10-150-121	Windows Server 1	3			
10-150-122	Linux Server 1	3			
10-150-503	Command Line Shells & Shell Scripting 1	1			
10-151-117	Python for Cybersecurity	1			
10-156-102	Intro to Python	1			
10-150-187	Cisco 3 - Network Communications 3	3			
10-150-181	Enterprise Virtual Servers	3			
10-150-501	Unified Communications	3			
10-150-124	Network Security	3			
10-150-506	Network Capstone	3			

10-150-502	Network Operations Management	3		
10-152-398	IT Career Skills <u>OR</u>	1		NA
10-152-399	IT Internship			
	Total occupational course credits earned:	42		Total occupational course credits accepted: 41
	Elective credits allowed:	0		Elective credits allowed:
	Total credits required for graduation:	61		
	Total transferable credits:	53		Total credits accepted at MSUM: 53

Courses needed to complete degree at MSUM:

Course No.	Course Title	Credits
	MnTC/ Gen Ed Goal Area (LASC) *	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
	Elective (consult MSUM advisor)	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:		67

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

UPDATED 8/3/23