TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS
NTC Program: IT - Software Developer
Minnesota State University Moorhead Program: Operations Management
Minimum GPA for admission: 2.0
Initial effective date:

General Education Courses

NTC			MSU Moorhead		
Course No.	**Course Title**	**Credits**	**Course No.**	**Course Title/Field**	**Credits**
10-801-196	Oral/Interpersonal Communications	3		COMM 100 Speech Communication	3
10-801-195	Written Communication OR	3		Goal Area 1	3
10-801-136	English Composition 1				
10-804-189	Introductory Statistics	3		Goal Area 4	3
10-809-199	Psychology of Human Relations OR	3		PSY 220 Social Behavior OR	3
10-809-198	Intro to Psychology			PSY 113 General Psychology	
10-804-133	Math & Logic	3		Goal Area 4	3
10-809-166	Intro to Ethics: Theory & App	3		Goal Area 9	3
	Total general education credits earned:	**18**			
	Total transferable general education credits:	18		**Total general education credits accepted:**	**18**

Occupational Courses

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-152-211	Web Design I	3			
10-152-310	Client-Side Web Development 1	3			
10-152-331	Data Concepts	3			
10-152-332	Database Design and SQL	3			
10-152-351	Client-Side Web Development 2	3			
10-152-391	Collaborative Application Development	3			
10-152-337	Data Analytics OR	3			
10-152-362	Open-Source Web Development				
10-152-223	User Experience Design	3			
10-152-333	Advanced Data Management	3			
10-152-392	Software Architecture	3			
10-152-393	Application Development Capstone Project	3			
10-152-500	IT Development and Design Fundamentals	1		Technical credits accepted in transfer as a block. Additional credits will be accepted as unrestricted elective credits.	30 + 16
10-152-501	Programming Concepts A	1			
10-152-502	Programming Concepts B	1			
10-152-503	Programming Concepts C	1			
10-152-504	Object - Oriented Programming A	1			

10-152-505	Object - Oriented Programming B	1			
10-152-506	Object - Oriented Programming C	1			
10-152-507	Object - Oriented Design A	1			
10-152-508	Object - Oriented Design B	1			
10-152-509	Object - Oriented Design C	1			
10-152-510	Advanced .Net Programming A	1			
10-152-511	Advanced .Net Programming B	1			
10-152-512	Advanced .Net Programming C	1			
	Total occupational course credits earned:	**46**			
	Elective credits allowed:				
	Total credits required for graduation:	**64**		NA	
	Total transferable credits:	**61**		NA	0
				Total occupational course credits accepted:	**46**
				Elective credits allowed:	**15**
				Total credits accepted at MSU Moorhead:	**61**

Courses needed to complete degree at MSU Moorhead:

Course No.	Course Title	Credits
ACCT 230	Principles of Accounting I	3
ENGL 387	Technical Report Writing	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 Planning & Implementation	3
OM 485	Production & Inventory Management	3
PMGT 385	Process Leadership	3
PMGT 300	Project Management & Scheduling	3
MATH 127	College Algebra	3
MATH 234	Intro to Probability & Statistics	3
ECON 202	Principles of Economics I: Micro	3
	MnTC/ Gen Ed Goal Area	18
Total credits needed at MSU Moorhead to complete degree:		**63**

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

Updated on: 09/24/18