



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 <u>OR</u>	3		COMM 100 Speech Communication	3
10-801-198	Speech				
10-801-195	Written Communication <u>OR</u>	3		Goal Area 1	3
10-801-136	English Composition 1			Goal Area 1	
10-804-189	Introductory Statistics	3		NA	0
10-809-103	Think Critically & Creatively	3		NA	0
10-809-198	Intro to Psychology	3		PSY 113 General Psychology	3
10-804-133	Math & Logic	3		Goal Area 4	3
10-801-197	Technical Reporting	3		NA	0
	Total general education credits earned:	21			
	Total transferable general education credits:	12		Total general education credits accepted:	12

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			
10-152-311	Object-Oriented Programming 1	3			
10-152-331	Data Concepts	3			
10-152-312	Object-Oriented Programming 2 <u>OR</u>	3			
10-150-121	Network Administration 1				
10-152-332	Database Design and SQL	3			
10-152-351	Client-Side Web Development 2 <u>OR</u>	3			
10-150-122	Network Administration 2				
10-152-391	Collaborative Application Development	3			
10-152-361	Asp.net Web Development <u>OR</u>	3			
10-152-337	Data Analytics <u>OR</u>				
10-152-382	Mobile Web Development 2				
10-152-223	User Experience Design <u>OR</u>	3			
10-150-185	CISCO 1 - Network Communications 1				
				Technical credits accepted in transfer as a block. Additional credits will be accepted as unrestricted	30 ± 18

10-152-313	Object-Oriented Programming 3 OR	3	Additional credits will be accepted as unrestricted elective credits.	30 + 10
10-152-212	Web Design 2 <u>OR</u>			
10-152-335	Data Reporting			
10-152-333	Advanced Data Management <u>OR</u>	3		
10-152-362	Open-Source Web Development <u>OR</u>			
10152-384	Mobile Programming 2			
10-152-392	Software Architecture <u>OR</u>	3		
10-150-176	Command-Line Shells And Shell Scripting			
10-152-393	Application Development Capstone Project	3		
10-152-314	Advanced .Net Programming <u>OR</u>	3		
10-150-181	Enterprize Virtual Servers <u>OR</u>			
10-152-381	Mobile Web Development 1			
10-152-383	Mobile Programming1 <u>OR</u>	3		
10-152-213	Web Design 3 <u>OR</u>			
10-152-338	Database Administration			
10-152-398	IT Career Skills <u>OR</u>	1	NA	0
10-152-399	IT Internship		NA	
Total occupational course credits earned:		49	Total occupational course credits accepted:	48
Elective credits allowed:			Elective credits allowed:	
Total credits required for graduation:		70		
Total transferable credits:		60	Total credits accepted at MSU Moorhead:	60

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	30

	Total credits needed at MSU Moorhead to complete degree:	75

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: 7/19/17