



Northcentral TECHNICAL COLLEGE

TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

NTC Program: Architect Design & 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 1		ENGL 101	English Composition I	
10-801-196	Oral/Interpersonal Communications	3	COMM 100	Speech Communication	3
10-804-118	Intermediate Algebra w/Apps (4 credits) <u>OR</u>	3 or 4		NA	0-3
10-804-195	College Algebra w/Apps (3 credits)		MATH 127	College Algebra	
10-806-154	General Physics 1	4	PHYS 160/160L	College Physics I with Lab	4
10-809-196	Intro to Sociology	3	SOC 110	Introduction to Sociology	3
10-809-198	Intro to Psychology	3	PSY 113	Introduction to Psychology	3
10-890-165	College 101	1			
Total general education credits earned:		20 or 21			
Total transferable general education credits:		16-19	Total general education credits accepted:		16-19

Occupational Courses

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-614-101	Architectural Design 1	2			
10-614-121	Construction Tech 1	3			
10-614-152	Intro to Architectural Design	2			
10-614-129	Sketchup For Architectural Design	2			
10-614-139	AutoCAD 2D For Architectural Design	2			
10-614-103	Architectural Design 2	3			
10-614-110	Construction Estimating 1	3			
10-614-132	Surveying For Architectural Design	2			
10-614-155	Architectural Design 3	3			
10-614-122	Construction Tech 2	3			
10-614-127	Revit Residential For Architectural Design	2			
10-614-108	Architectural Design 4	3			
10-614-112	Construction Estimating 2	3			
10-614-128	Construction Management	2			
10-614-119	Design & Presentation Techniques 1	2			
10-614-182	Design & Presentation Techniques 2	2			
10-614-184	Building Trade Statics	3			
				Technical credits accepted in transfer as a block. Additional credits will be accepted as unrestricted elective credits	30 + 14

10-614-189	Revit Commercial for Architectural Design	2			
	Total occupational course credits earned:	44		Total occupational course credits accepted:	44
				Elective credits allowed:	
	Total credits required for graduation:	64-65			
	Total transferable credits:	60-63		Total credits accepted at MSUM:	60-63

Courses needed to complete degree at MSUM:

Course No.	Course Title	Credits
	MnTC/ Gen Ed Goal Area (LASC) *	21-24
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>	<i>0-3</i>
<i>MATH 234</i>	<i>Introduction to Probability & Statistics</i>	<i>3</i>
<i>ECON 202</i>	<i>Principles of Economics I: Micro</i>	<i>3</i>
	<i>*These courses are required, but may also count toward LASC</i>	
Total credits needed at MSUM to complete degree:		57-60

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

Updated: 8/3/2023