



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

NTC Program: Wood Science

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
10-804-107	College Mathematics	3		NA	0
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 Communication	3	COMM 100	Speech Communications	3
10-806-143	College Physics 1	3		NA	0
10-809-196	Intro to Sociology	3	SOC 110	Introduction to Sociology	3
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	
10-890-165	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	Credits
10-465-100	Wood Science & Technology	4		Technical credits accepted in transfer as a block. Additional credits will be accepted as unrestricted elective credits.	30+15
10-465-106	Forest Products Industry Orientation	1			
10-465-115	Wood Manufacturing Processes	3			
10-465-116	Hardwood Grading & Merchandising	3			
10-465-119	Fundamentals of Furniture Manufacturing	2			
10-465-164	Secondary Wood Manufacturing 1	5			
10-465-165	Secondary Wood Manufacturing 2	4			
10-465-109	Wood Adhesives Application	2			
10-606-105	Technical Drafting/CAD	2			
10-465-113	Wood Drying Science	4			
10-465-117	Wood Industry Global Markets	2			
10-465-163	CNC Router Technology	4			
10-623-147	LEAN Manufacturing Fundamentals	2			
10-623-200	Interpreting Engineering Drawings	1			
10-465-102	Sustainable Biomaterials & Energy	2			
10-465-104	Design Innovation in Wood Products	4			

	Total occupational course credits earned:	45		Total occupational course credits accepted:	45
	Total program credits:	64			
	Total transferable credits:	57		Total credits accepted at MSUM:	57

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
<i>MATH 127</i>	<i>College Algebra</i>	<i>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:		64

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