

MINNESOTA STATE UNIVERSITY-MOORHEAD

CUSTOMIZED FOR HENNEPIN TECHNICAL COLLEGE

Minnesota’s ONLY accredited 2+2 technical management degree

National Association of Industrial Technology (NAIT) Accredited

MSUM’s Operations Management Bachelor of Science Degree prepares individuals with a technical knowledge base for a career managing people or processes. The program focuses on taking a technical professional and teaching them how to lead in their technical environment. It teaches them how to interpret financial statements, use technology to make business decisions, manage projects, create work environment efficiencies, and lead people. The Operations Management Program’s key feature is its diversity. It is a great fit for multiple program areas, including manufacturing, robotics, wholesale, technical sales, computer network specialists, computer technicians, medical office careers, medical technical careers, health professionals (EMT), and transportation careers. The Operations Management degree prepares technical and/or technical management-oriented professionals for employment in business, industry, education, and government. If you would like more information, please contact Pam McGee at mcgeepa@mnstate.edu / 1.218.477.2466 or visit our website at www.mnstate.edu/om.

SUGGESTED COURSE SEQUENCING

Junior Year

Fall Semester:

Tech 380 Methods Improvement	3 cr
Tech 383 Cost Analysis	3 cr
Acct 2200 Financial Accounting	3 cr
Elective	3 cr
Elective	<u>3 cr</u>
Total	15 cr

Spring Semester:

Tech 485 Production and Inventory	3 cr
Tech 493 OS & H	3cr
MGMT 360 Intro to Management	3cr
Elective	3 cr
Elective	<u>3cr</u>
Total	15 cr

SENIOR YEAR

Fall Semester:

Tech 393 Computer Appls	3 cr
Tech 482 Quality Plan/Impl	3 cr
Phil 312 Business Ethics	3 cr
Elective	3 cr
Elective	<u>3 cr</u>
Total	15 cr

Spring Semester:

Tech 385 Process Leadership	3cr
Tech 428 Project Managemnet	3 cr
Elective	3 cr
Elective	3cr
Elective	<u>3cr</u>
Total	15 cr

***490 Internships: Internships are often completed in the summer and at the students current place of employment.**

Course Requirements

MSU-MOORHEAD CUSTOMIZED ADVISEE SHEET

HTC MNTC (MIN OF 42 CREDITS)		CR	GR
GOAL AREA			
1/2	COMMUNICATION & CRITICAL THINKING	12 CREDITS	
	Oral Communication COMM 2130 Public Speaking	3	
	Written Communication ENGL 2121 Writing and Research	3	
	Communication Elective (choose one) ENGL 2125, COMM 2050, COMM 2060	3	
	Critical Thinking COMM 2060 or PHIL 2100	3	
3	NATURAL SCIENCES	7 CREDITS	
	Chemistry with a LAB CHEM 1020 Survey of Chemistry *	4	
	Physics Elective PHYS 1050, 1060, 1103, 1104, 1110, 1111, 1114 *	3	
4	MATHEMATICAL	6 CREDITS	
	MATH 2200 College Algebra	3	
	MATH 2150 Introduction to Statistics	3	
5	HISTORY, SOCIAL/BEHAVIORAL SCIENCES	6 CREDITS	
	Social Science SSCI 2200 Principles of Microeconomics	3	
	Elective (outside of Social Science area) See website (below) for class choices *	3	
6	The HUMANITIES and FINE ARTS	6 CREDITS	
	ENGL 2130: Creative Writing	3	
	Elective: See website (below) for class choices *	3	
7	HUMAN DIVERSITY COMM 2050, SSCI 2310	3 CREDITS	
8	GLOBAL PERSPECTIVE COMM 2020 Global Perspective	3 CREDITS	
9	ETHICAL AND CIVIC RESPONSIBILITY PHIL 312 Business Ethics (MSUM) ◊	3 CREDITS	
10	PEOPLE AND THE ENVIRONMENT See website (below) for class choices *	3 CREDITS	

* AVAILABLE THROUGH NORMANDEALE COMMUNITY COLLEGE

◊ Must be taken through MSU-Moorhead to fulfill 40-credit upper division requirement

<http://www.normandale.edu/pdf/mntcWorksheet.pdf>

Operations Management B.S. Degree 2+2

OPERATIONS MANAGEMENT CORE		Cr	24
Tech 380 Methods Improvement		3	_____
Tech 383 Cost Analysis		3	_____
Tech 385 Process Leadership (W4)		3	_____
Tech 394 Computer Applications		3	_____
Tech 428 Project Management		3	_____
Tech 482 Quality Planning/Implementation		3	_____
Tech 485 Production/Inventory Management		3	_____
Tech 493 Occupational Safety/Health		3	_____

INTERNSHIP REQUIRED (Minimum of 3 credits)			12
Tech 469 Internship (3 to 12 credits)		_____	

TECHNICAL TRANSFER BLOCK			30
* (30 technical transfer credits from technical area)		_____	

LOWER DIVISION REQUIREMENTS			6
Acct 2200 Intermediate Accounting I		3	_____
MGMT 360 Principles of Management		3	_____

GENERAL EDUCATION (MTC)			43
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ELECTIVES			5
(Electives or transfer credits not applying to MTC or the technical transfer block above. Must also include a one credit 490 Special Topics course to fulfill 40-credits of upper division).			

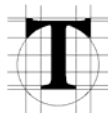
TOTAL CREDITS 120

*THIS 2+2 BS PROGRAM, THE FIRST APPROVED BY MN^{SCU} FOR BLOCK CREDIT TRANSFER, RECOGNIZES THE TECHNICAL COURSES AS A COHESIVE SET OF COURSES WITH STATED AND VERIFIED EDUCATIONAL OUTCOMES.

Courses in goal areas 1-6 that are also listed in areas 7-10 can be used to satisfy BOTH areas. MEET WITH AN ADVISOR or see website (left) for class choices.

Updated 02/04/08

Technology Department -- Moorhead, MN, 56563



Minnesota

Moorhead

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Web Site: <http://www.mnstate.edu/om/>