

ARTICULATION AGREEMENT

UNIVERSITY OF MINNESOTA, CROOKSTON

AND

CENTURY COLLEGE

JUNE, 2004

MS. Settling, Oct. 2004

The University of Minnesota, Crookston (UMC) and Century College share a student/workplace-centered approach to the delivery of higher education. This agreement is designed to build a partnership that will further the facilitation of student access to higher education.

The purpose of this agreement is to facilitate credit transfer and provide a smooth transition from Century College Heating, Ventilation, and Air Conditioning Technology Associate in Applied Science 64 credit degree program to the UMC Bachelor of Manufacturing Management Degree program. All future students and graduates of Century College AAS in Heating, Ventilation, and Air Conditioning Technology will be eligible for credit transfer under the terms of this agreement.

Program Description:

The Bachelor of Manufacturing Management is a workplace-centered degree program designed to meet the increasing demand for baccalaureate education from students and their employers. The content is flexible enough to recognize the worth of prior learning, yet focused on coursework that provides tangible value both immediate and long term. Key features include application-orientated four-year integrated curriculum and alternative delivery options, including delivery on campus of partnering institutions.

The Bachelor of Manufacturing Management program is designed to meet the needs of those already in the workplace and two-year graduates that want to continue their education to Bachelor level. The program of study emphasizes the importance of management, communication and manufacturing skills in the modern workplace.

The Bachelor of Manufacturing Management is the result of considerable discussion with employers and industry professionals. As a result of this practical guidance, the program is designed for working graduates in industrial and business fields who have experience in manufacturing or other business settings, It is specifically tailored to those individuals for whom baccalaureate level management and technology skills will pay dividends in the workplace.

TERMS OF AGREEMENT:

1. ADMISSION

Century College students seeking admission to UMC are required to satisfy all admissions requirements for the Bachelor of Manufacturing Management degree.

2. TRANSFER OF COURSEWORK

The evaluation criteria for coursework to be considered in transfer shall be in compliance with UMC transfer guidelines. Both degree recipients and non-degree recipients shall be eligible for transfer consideration.

a. Associate of Applied Science Degree Recipients:

i. Students receiving the Associate of Science Degree (see appendix one) shall receive 64 credits towards the Bachelor of Manufacturing Management Degree.

ii. Additional credits may be evaluated to satisfy some of the elective or prerequisite requirements for upper division courses.

b. Students with partially completed coursework shall receive credit for work completed

3. JOINT ADMISSION OPTION

Students may be admitted to both institutions simultaneously. With joint admissions, students may concurrently enroll in courses at both institutions. Students will have access to advising and other services at both institutions.

COLLABORATION

Administration, faculty and staff at both institutions will cooperate in scheduling course offerings in a convenient, flexible manner. The resources of both institutions, including faculty, staff and space, will be used in a manner that enhances this education opportunity.

In addition:

1. UMC intends to offer the upper division courses required for graduation in this degree.
2. Both institutions will jointly promote the AAS, and bachelor programs to potential students.
3. Both institutions will strive to find solutions regarding counseling, advising, transcription, registration and financial aid procedures to facilitate administration and management of student enrollment

ARTICULATION IMPLEMENTATION AND AGREEMENT REVIEW

The Chief Academic Officer or designee of the collaboration institutions shall be responsible for implementing this agreement, incorporating any changes into subsequent agreements, and for conducting periodic reviews of this agreement.

This agreement becomes effective immediately upon completion of signature, and remains in effect unless terminated or amended by either party with reasonable prior written notice.

Century College

University of Minnesota, Crookston



President

8/30/04
Date



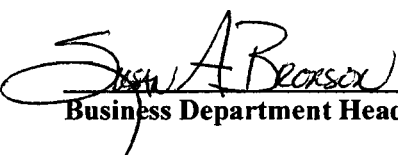
Vice Chancellor
Academic Affairs

07/29/04
Date



Dean of Academic Affairs

8/28/04
Date



Business Department Head

08/02/04
Date

FOR MORE INFORMATION CONTACT:

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Appendix 1

AAS Heating, Ventilation, and Air Conditioning Technology

Program Requirements

Course		Cr
FST 1030	Basic Electricity	3
FST 1033	Basic Electrical Systems	3
HVAC 1000	Sheet Metal and Metal Brazing Practices	2
HVAC 1020	Load Calculating	2
HVAC 1041	Basic Refrigeration I	3
HVAC 1041	Basic Refrigeration II	3
HVAC 1060	Fundamentals of Heating	2
HVAC 1063	Oil Heat	3
HVAC 1065	Oil Heating Service and Troubleshooting	3
HVAC 1067	Gas Heat	4
HVAC 1069	Heat Pumps and Electric Heat	2
HVAC 1070	Electronic Ignition and Condensing Furnaces	2
HVAC 1073	Hydronic Heating/Boilers	3
HVAC 2051	Advanced Refrigeration I	4
HVAC 2052	Advanced Refrigeration II	4
	Total Program Requirements	43

General Education Requirements

Course		Cr
ENGL 1021	Composition I	4
SPCH 1021	Fundamentals of Public Speaking ¹	3
	Sciences/Math	3
	History/Social Science	3
	Humanities and Fine Arts	3
	Goals 7 – 10	3
	Total General Education Requirements	19

Desired Electives

Course		Cr
ACCT 1010	Principles of Accounting	3
ECON 1023	Microeconomics	3
MATH 1040	College Algebra ²	3
PHYS 1041	General Physics	5
ENGL 1022	Composition 2	3
	Total Desired Electives	17
	Total Century College Classes	79

¹ SPCH 1031, 1041 or 1051 can be used as substitutes

² Math 1025 Statistics can be used as a substitute

Bachelor of Manufacturing Management

Program Requirements

Total Credits	120
Minimum Upper Division Credits	40
Minimum Credits from UMC	30

Course		Cr
BM 3012	Applied Engineering Principles	3
BM 3034	Quality Standards	3
MGMT 3100	Principles of Finance	3
MGMT 3200	Principles of Management	3
MGMT 3250	Operations Management	3
MGMT 3210	Supervision and Leadership	3
MKTG 3300	Principles of Marketing	3
SPCH 3431	Persuasion	3
COMP 3303	Writing in Your Profession	3
	Upper division business/technology electives	13
	Minimum Upper Division	40
	Electives to complete 120 credits as required	