



➤ **ARTICULATION AGREEMENT** ◀

between

**Minnesota West Community & Technical College, Worthington
Agriculture A.S. University Parallel**

and

**The University of Minnesota, Crookston
B.S. Program in Plant Industries Management – Agronomy
B.S. Program in Plant Industries Management - Horticulture**

Credits Transferred from Minnesota West*		64
General Education	41	
Technical/PIM	23	
UMC Credits to be Completed :		58
<u>UMC General Education to be Completed**</u>		10
Biol 3022 Principles of Genetics	3	
Biol 3131 Plant Physiology	3	
Chem 1401 Elementary Biochemistry	4	
<u>UMC Program Requirements to be Completed</u>		23
PIM 2573 Entomology	3	
PIM 3023 Plant Breeding	3	
PIM 3030 Research Techniques	3	
PIM 3230 Plant Pathology	3	
PIM 4630 Sr. Seminar in Hort & Agronomy	1	
GnAg 2899 Pre-Internship	0.5	
GnAg 3899 Internship	2	
GnAg 3900 Internship	0.5	
Soil 3414 Soil Fertility	4	
Electives (3xxx or 4xxx)	3	
<u>Agronomy Emphasis Requirements [≥ 14 cr. must be 3xxx or 4xxx]</u>		25
PIM 1031 Introduction to Agronomy Lab	1	
Choose 18 credits from the following:		
Agro 1030 Crop and Weed Identification	3	
Agro 1540 Seed Conditioning and Tech	4	
Agro 2840 Grain and Seed Evaluation	4	
Agro 3130 Forages	3	
Agro 3444 Crops Production	4	
PIM 3630 Integrated Crop Management	3	
SWM 3009 Hydrology and Water Quality	3	
SWM 3224 Soil and Water Conservation	4	
Agriculture/Management/Technology Electives	6	

<u>Horticulture Emphasis Requirements</u> [≥ 14 cr. must be 3xxx or 4xxx]	25
PIM 1032 Introduction to Hort Lab	1
Hort 1021 Woody Plant Materials	4
Hort 3034 Commercial Floriculture Crops-Spring	4
Hort 3036 Plant Propagation	4
Choose 10 credits from the following:	
Hort 1030 Residential Landscape Design	3
Hort 1031 Herbaceous Perennial Plant Materials	2
Hort 1081 Floral Design and Foliage Plants	2
Hort 1082 Floral Design and Florist Operations	2
Hort 3033 Commercial Floriculture Crops-Fall	4
Hort 3040 Com. Landscape Design and Ground Mtc.	4
Hort 3072 Turf Management	3
Agriculture/Management/Technology Electives	2

Total Credits Needed for Graduation

122

* Program requirements may change as curriculum evolves on each campus. Notwithstanding such changes, the named UMC BS program shall accept a minimum of 60 semester credits from the named MW A.S. program provided academic content remains comparable.

** The articulated program must meet UMC General Education distribution requirements.

Minnesota West Community & Technical College and the University of Minnesota, Crookston are committed to:

- (1) providing quality education in the Agriculture Business Program,
- (2) offering new educational choices and improved access to all students, and
- (3) working in partnership to create programs and services of superior value to students, industries, communities, and the State of Minnesota.

Accordingly, the University of Minnesota, Crookston and Minnesota West Community & Technical College endorse this Articulation Agreement, both as evidence of mutual commitment to strengthen collaboration between institutions and as a convenient, academically sound graduation plan for students.

University of Minnesota, Crookston

Minnesota West Community & Technical College

Signed Richard Nelson Date 6/15/01
 Richard Nelson
 Director, Agriculture and Natural Resources

Signed [Signature] Date 6/22/01

Signed [Signature] Date 6/15/01
 Douglas Knowlton
 Vice Chancellor, Academic Affairs

Signed [Signature] Date 06/22/01

Signed Donald Sargeant Date 6/15/01
 Donald Sargeant
 Chancellor

Signed [Signature] Date 6/22/01