

**MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
ARTICULATION AGREEMENT
BETWEEN**

**Minnesota West Community & Technical College
AND
South Dakota State University**

*The Board of Trustees of the Minnesota State Colleges and Universities is authorized by Minnesota Statutes, Chapter 136F to enter into Agreements and has delegated this authority to colleges and universities.

This Agreement is entered into between Minnesota West Community & Technical College (MN West) (hereinafter sending institution), and South Dakota State University (SDSU) (hereinafter receiving institution).

The sending institution has established a **Mathematics, A.A.** (hereinafter sending program), and the receiving institution has established a **Mathematics, B.S.** (hereinafter receiving program), and will facilitate credit transfer and provide a smooth transition from one related program to another. It is mutually agreed:

Admission and Graduation Requirements

- A. The receiving institution's admission and program admission requirements apply to both direct entry students and to students who transfer under this agreement.
- B. Students must fulfill the graduation requirements at both institutions.
- C. Students must complete the entire sending program and meet the receiving institution's admission requirements for the agreement to apply

Transfer of Credits

- A. The receiving institution will accept **60** credits from the sending program. A total of 60 credits remain to complete the receiving program.
- B. Courses will transfer as described in the attached Program Articulation Table.

Implementation and Review

- A. The Chief Academic Officers or designees of the parties to this agreement will implement the terms of this agreement, including identifying and incorporating any changes into subsequent agreements, assuring compliance with system policy, procedure and guidelines, and conducting a periodic review of this agreement.
- B. This Articulation Agreement is effective on 01/01/2013 and shall remain in effect until the end date of 01/01/2018 or for five years, whichever occurs first, unless terminated or amended by either party with 90 days prior written notice.
- C. The college and university shall work with students to resolve the transfer of courses should changes to either program occur while the agreement is in effect.
- D. This Articulation Agreement will be reviewed by both parties beginning 07/01/2017 (within six months of the end date).

July 6, 2011

PROGRAM ARTICULATION TABLE

	College (sending)	University (receiving)
Institution	MN West	SDSU
Program name	Mathematics	Mathematics
Award Type (e.g., AS)	AA	BS
Credit Length		
CIP code (6-digit)		
Describe program admission requirements (if any)		

Instructions

- List all required courses in both academic programs.
- MnTC goal areas transfer to the receiving institution according to the goal areas designated by the sending institution.
- Do not indicate a goal area for general education courses that are not part of the MnTC.
- For restricted or unrestricted electives, list number of credits.
- Credits applied: the receiving institution course credit amount may be more or less than the sending institution credit amount. Enter the number of credits that the receiving institution will apply toward degree completion.
- Show equivalent university-college courses on the same row to ensure accurate DARS encoding.
- Equiv/Sub/Wav column: If a course is to be encoded as equivalent, enter Equiv. If a course is to be accepted by the university as a "substitution" only for the purposes of this agreement, enter Sub. If a course requirement is waived by the receiving institution, enter Wav. If a course is to be accepted by the university as a MnTC goal area, restricted elective or unrestricted elective, leave the cell blank.

(To add rows, place cursor outside of the end of a row and press enter.)

SECTION A - Minnesota Transfer Curriculum-General Education

College (sending)			University (receiving)			
course prefix, number and name	Goal(s) ¹	Credits	course prefix, number and name	Goal(s) ¹	Credits Applied	Equiv Sub Wav
Minnesota Transfer Curriculum-General Education						
ENGL 1101- Composition I		3	ENGL 101 – Composition I	SGR #1	3	
ENGL 1102- Composition II		3	ENGL 201 – Composition II	SGR #1	3	
SPCH 1101- Fundamentals of Speech		3	SPCM 101 – Fundamentals of Speech	SGR #2	3	
BIOL 1110- Principles of Biology and Lab		4	BIOL 151/151L – General Biology & Lab	SGR #6	4	
MATH 1121- Calculus I		4	Math 123 – Calculus I	SGR #5	4	
PSYC 1101 - PLUS another 3 credit SOCIAL SCIENCE ELECTIVE that has a SDSU equivalent that is also listed under SGR #3.		6	PSYC 101 – General Psychology PLUS Social Science Electives as indicated in SDSU catalog under SGR #3	SGR #3	6	
HUMANITIES ELECTIVES (choose from Art, Humanities, English Literature, Music, Philosophy, Theatre, History, etc.. courses must have SDSU equivalent that also is listed under SGR #4)		6	Humanities Electives as indicated in SDSU catalog under SGR #4	SGR #4	6	
PHYS 2121 – General Physics I		5	PHYS 211/211L – Univ Physics I/Lab	SGR #6	5	
PHYS 2122 - General Physics II		5	PHYS 213/213L-Univ Physics II/Lab	SGR #6	5	
NSCI 1100 – Issues in the Environment		3	NRM 110 – Environmental Conservation	IGR #2	3	
MnTC/General Education Total		42				

Special Notes, if any:

¹ MnTC goal areas transfer to the receiving college/university according to the goal areas designated by the sending college/university

SECTION B - Major, Emphasis, Restricted and Unrestricted Electives or Other

(pre-requisite courses, required core courses, required courses in an emphasis, or electives (restricted or general) within the major). Restricted electives (in Major) fulfill a specific requirement within a major. Example A: "Chose two of the following three courses;" Example B: A Biology degree may require 40 science credits (20 credits of required courses + 20 credits of listed related courses, such as botany, genetics, sociobiology, etc. which students can select).

Major, Emphasis, Restricted, Unrestricted Electives or Other Courses				
MATH 1105 – Statistics	4	STAT 281 – Introduction to Statistics	4	
MATH 1113 – Pre Calculus	4	MATH 115 – Precalculus	4	
MATH 1122 – Calculus II	4	MATH 125 – Calculus II	4	
MATH 2206 – Differential Equations & Linear Algebra	5	Math Elective	2	
Restricted elective credits - list courses (if none enter 0)				
Unrestricted elective credits (if none enter 0)		5	College's unrestricted elective credits accepted in transfer (if none enter 0)	0
Major, Emphasis, Unrestricted Electives Total		22	Total College Credits Applied (sum of sections A and B)	60

SECTION C - Remaining University (receiving) Requirements



List major requirements & required support courses here	course prefix, number and name	Credits
	GE 109/109 L – First Year Seminar	2
	MATH 253 – Logic, Sets, and Proof	3
	MATH 315 – Linear Algebra	4
	MATH 321 – Differential Equations	3
	STAT 381 – Intro to Probability & Statistics	3
	MATH 413 – Abstract Algebra I	3
	MATH 425 – Real Analysis I	3
	MATH 401- Senior Capstone & AW	1
	Mathematics or Statistics Electives (300 level or above) – Two sequences must be completed as listed in SDSU catalog	19
	General Electives (Students are encouraged to use elective courses to complete a minor)	19
Total Remaining University Credits		60

Special Notes, if any:

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	42		
Major, Emphasis, Unrestricted Electives or Other	22		
Total College Credits	64	Total College Credits Applied	60
		Remaining credit to be taken at the university (receiving institution)	60
		Total Program Credits	120

Special Notes, if any:

College	Name	Signature	Date
Chief Academic Officer	Jeffery Williamson		11/14/12
Provost			
Title			
University	Name	Signature	Date
Chief Academic Officer	Laurie Stenberg-Nicol		11-20-2012
Provost			
Title			

10/2012

July 6, 2011