

APPENDIX A

Memorandum of Cooperation between Minnesota West, Worthington and South Dakota State University

Transfer Articulation Agreement for **Mechanical Engineering (Engineering A.S. Degree)**

This agreement includes specific requirements for admission into a program, outlines requirements, and indicates which courses can be used to meet program prerequisites as well as general education, major and program, and graduation requirements.

Suggested Program of Study for Mechanical Engineering Degree at SDSU

MN West CTC Course #	Semester I	Credits	SDSU #
ENGR 1101	1	Intro Engineering	1 GE 101
MATH 1121	4	Calculus I	4 MATH 123
CHEM 1101	4	General Inorg Chemistry I(Includes Lab)	5 CHEM 112+112L
ENGL 1101	3	Composition I	3 ENGL 101
ECON 2201	3	Principles of Macroeconomics	3 ECON 201
	15	Total	16
		Semester II	Credits
MATH 1122	4	Calculus II	4 MATH 125
PHYS 2121	5	General Physics I (Calc based) and Laboratory	4 PHYS 211 1 PHYS 211L
ENGL 2276	3	Technical Writing	3 ENGL 379
CADS 1121	3	Technical Drafting I(AutoCAD)	3 GE 121,122,123
HIST 1111	3	Western Civilization	3 Hum
	18	Total	18
		Semester III	Credits
MATH 2203	3	Differential Equations	3 MATH 321
PHYS 2122	5	General Physics II (Calc based) and Laboratory	4 PHYS 213 1 PHYS 214
CSCI 2235	3	C++ Programming	3 CSC 150
ENGR 2214	3	Statics	3 EM 214
GEOG 1100	3	Intro to Geography	3 SS
	17	Total	17
		Semester IV	Credits
MATH 2201	4	Calculus III	4 MATH 225
ENGR 2215	3	Dynamics	3 Em 215
SPCH 1101	3	Fundamentals of Speech and Lab	3 SPCM 101
PHIL 2201 and PHIL 2205	3	Ethics	3 Hum Elect
PHED	1	Activity Course	1 PHED electives
	14	Total	14
	64	Program Total	65

Signatures

Minnesota West

South Dakota State University

(Department Chair) _____ Date

(Dean) _____ Date

(Department Chair) _____ Date

(Dean) _____ Date