

## ASSOCIATE OF SCIENCE IN PRE-ENGINEERING

Essential Studies Requirements				Credits
ENGL	100		First Year Experience	2
ENGL	110	ND:ENGL	College Composition I	3
ENGL	120	ND:ENGL *	College Composition II	3
MATH	107	ND:MATH **	Pre-Calculus	4
CSCI	101	ND:COMPSC ***	Introduction to Computers	3
HPER	217		Personal & Community Health	2
HPER	101		Physical Education Activity	1
CHEM	121	ND:LABSC	General Chemistry I	4
COMM	110	ND:COMM	Fundamentals of Public Speaking	3
PSYC	111	ND:SS	Introduction to Psychology	3
PSYC	242	ND:SS	****Research Methods in Psychology	3
ECON	201		Micro Economics	3
DS	110	ND:HUM	Dakota Culture	3
		ND:FA		3
		ND:FA or ND:HUM		3
				43

\* Prerequisite of ENGL 110 (College Composition I).

\*\* Prerequisite of MATH 103 (College Algebra) or Placement Test.

\*\*\* CSCI 101 (Introduction to Computers) is a prerequisite for Online Courses

\*\*\*\* PYSC111 (Introduction to Psychology) is a prerequisite

Core Classes				
CHEM	122		General Chemistry II	4
ME	221		Engineering Mechanics I (Statics)	3
ME	222		Engineering Mechanics II (Dynamics)	3
ENGR	115		Intro to Engineering Profession w/CAD	4
PHYS	252		University Physics II	4
ENGR	210		Surveying	3
ENGR	206		Circuit Analysis	3
MATH	165		Calculus I	4
MATH	166		Calculus II	4
				32

**TOTAL    75**