

**DEPARTMENT OF MATH, SCIENCE, & TECHNOLOGY
ASSOCIATE OF ARTS IN SCIENCE, ENGINEERING AND MATH (SEM)**

1. Core Requirements: (22 Credits)	Where Taken	Date	Grade
Engl 103 Freshman English I	3	_____	_____
Engl 113 Freshman English II	3	_____	_____
SpCm 103 Speech Communication	3	_____	_____
MIS 113 Applied Information Processing	3	_____	_____
Math 154 College Algebra	4	_____	_____
Social Science Elective	3	_____	_____
Humanities Elective	3	_____	_____
2. Lakota Studies Requirements: (9 Credits)			
Lak 103 Lakota Language I	3	_____	_____
LSoc 103 Lakota Culture or LHist 203, LHist 213	3	_____	_____
Lakota Elective	3	_____	_____
3. Math and Science Requirements***: (31 Credits)			
Math 163 Trigonometry	3	_____	_____
Math 194 Calculus I	4	_____	_____
Math 214 Calculus II	4	_____	_____
Math 224 Calculus III	4	_____	_____
Phys 214 Physics I*	4	_____	_____
Phys 223 Physics II	3	_____	_____
Phys 221 Physics II Lab	1	_____	_____
Chem 233 General Chemistry I*	3	_____	_____
Chem 231 General Chemistry Lab I	1	_____	_____
Chem 243 General Chemistry II	3	_____	_____
Chem 241 General Chemistry Lab II	1	_____	_____
Total Credits – 62			

2014-2015 Catalog

*Students must either pass an entrance exam for these courses or pass 100-level preparatory courses with a “C” or better. See catalog descriptions. Entrance exams are available from Math and Science Department members during the week of registration.