

MATHEMATICS

Scottsbluff/Sidney/Alliance

AS.2701A (63-67 Credits)

This emphasis area prepares the student for transfer to a four-year college to major in mathematics.

Objectives

- Provide the basics of trigonometry, analytic geometry, single variable calculus, and multivariable calculus.

Notes

- Students who plan to transfer to a four-year college/university should consult their faculty advisor and the Transfer Advisor early in their WNCC enrollment to determine their curriculum.

Suggested Curriculum

1st Sem, Course Credit

MATH-1210	Trigonometry	3
ENGL-1500	English Composition 1	3
ANTH, ECON, GEOG, HIST, PHIL, POLS, PSYC, or FACS-1540.....		3
PHED-XXXX	Physical Education	1
Electives	3-5

13-15 Credits

2nd Sem, Course Credit

MATH-1300	Calculus 1	5
ENGL-1550	English Composition 2.....	3
PHED-XXXX	Physical Education	1
Electives	6-8

15-17 Credits

3rd Sem, Course Credit

MATH-2150	Calculus 2	5
SPCH-1200	Speech Communication	3
BIOS, CHEM, or PHYS - Lab Science		4
Electives	6

18 Credits

4th Sem, Course Credit

MATH-2200	Calculus 3	5
INFO-1310	Visual Basic	
or		
INFO-1390	Programming: Introduction to FORTRAN	3
Electives	9

17 Credits