

# ENGINEERING

## ASSOCIATE OF SCIENCE (AS) - 60 CREDITS

### Program Plan — "Primary"

Locations: Moorhead

#### 1st Fall Term (16 credits)

##### Courses

Course #	Course title	Crds
CHEM1111	CHEM1111 - General Inorganic Chemistry I .....	5
ENGL1101	ENGL1101 - College Writing .....	3
MATH1134	MATH1134 - Calculus I .....	5

##### 3 credits in one or more of the following:

General Education w/MnTC Goals. A minimum of 2 additional goal areas must be met through elective general education courses.

#### 1st Spring Term (16 credits)

##### Courses

Course #	Course title	Crds
CHEM1112	CHEM1112 - General Inorganic Chemistry II .....	5
ENGR2210	ENGR2210 - Engineering Mechanics I .....	3
MATH1135	MATH1135 - Calculus II .....	5

##### 3 credits in one or more of the following:

ENGL1205	ENGL1205 - Writing About Literature .....	3
ENGL1210	ENGL1210 - Writing About Current Issues .....	3
ENGL1215	ENGL1215 - Professional and Technical Writing ...	3

#### 2nd Fall Term (13 credits)

##### Courses

Course #	Course title	Crds
COMM1120	COMM1120 - Introduction to Public Speaking .....	3
ENGR2220	ENGR2220 - Engineering Mechanics II .....	3
MATH2231	MATH2231 - Calculus III .....	4

##### 3 credits in one or more of the following:

General Education w/MnTC goals OR ENGR2970 OR CADD1000 OR CADD2120

#### 2nd Spring Term (15 credits)

##### Courses

Course #	Course title	Crds
ENGR2230	ENGR2230 - Mechanics of Materials .....	3
MATH2259	MATH2259 - Differential Equations .....	4
PHYS1412	PHYS1412 - University Physics II .....	5

##### 3 credits in one or more of the following:

General Education w/MnTC goals OR ENGR2970 OR CADD1000 OR CADD2120