

DRAFTING AND 3D TECHNOLOGIES

ASSOCIATE OF APPLIED SCIENCE (AAS) - 66 CREDITS

Program Plan — "Moorhead AAS"

Locations: Moorhead

1st Fall Term (15 credits)

Courses

Course	Crd
CADD1000 - AutoCAD Basics	3
COMM1120 - Introduction to Public Speaking	3
MCDD1104 - Mechanical Engineering Drawing I	4
MCDD1114 - Manufacturing Processes	2
SOC1111 - Introduction to Sociology	3

1st Spring Term (18 credits)

Courses

Course	Crd
CADD1400 - Introduction to SolidWorks	3
CADD1410 - Introduction to Autodesk Inventor	3
ENGL1101 - College Writing	3
ENGT1118 - Construction and Manufacturing Math	3
MCDD1106 - Mechanical Engineering Drawing II	4
MCDD2112 - Geometric Dimensioning and Tolerancing	2

2nd Fall Term (18 credits)

Courses

Course	Crd
MCDD1124 - Mechanical Drafting Applications I	3
MCDD2200 - Advanced Modeling with SolidWorks	3
MCDD2204 - Mechanical Engineering Drawing III	4
MCDD2210 - Advanced Modeling with Inventor	3
MCDD2230 - 3D Printing and Prototyping	2
MCDD2246 - Tool Design	3

2nd Spring Term (15 credits)

Courses

Course	Crd
ENGL1215 - Professional and Technical Writing	3
MCDD2220 - Mechanical Engineering Drawing IV	3
MCDD2252 - Mechanical Drafting Applications II	4
MCDD2254 - Computer Numerical Control	2

3 credits in one or more of the following:

3	ECON2210 - Macroeconomics
3	ECON2222 - Microeconomics
