

# DESIGN AND ENGINEERING TECHNOLOGY

## ASSOCIATE OF APPLIED SCIENCE (AAS) - 60 CREDITS

### Program Plan — "Wadena AAS"

Locations: Wadena

#### 1st Fall Term (14 credits)

##### Courses

Course	Crds
BLDG1114 - Blueprint Reading I .....	2
CADD1000 - AutoCAD Basics .....	3
DET1104 - Mechanical Drawing I .....	4
DET1114 - Manufacturing Processes .....	2
ENGT1134 - Office Systems and Equipment .....	3

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

##### Courses

Course	Crds
CADD1400 - Introduction to SolidWorks .....	3
CADD1410 - Introduction to Autodesk Inventor .....	3
COMM1120 - Introduction to Public Speaking .....	3
DET1106 - Mechanical Drawing II .....	4

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

General Education w/MnTC Goals

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

##### Courses

Course	Crds
ARCH2248 - CADD Alternatives .....	3
DET2200 - Advanced Modeling with SolidWorks .....	3
DET2210 - Advanced Modeling with Inventor .....	3
DET2246 - Tool Design .....	3
ENGL1101 - College Writing .....	3

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

##### Courses

Course	Crds
DET2230 - 3D Printing and Prototyping .....	2
DET2248 - CNC Applications .....	3
DET2250 - Reverse Engineering Applications .....	4

**6 credits in one or more of the following:**

General Education w/MnTC Goals