

# 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
DET1104 - Mechanical Drawing I .....	4
DET1105 - Mechanical Drawing II .....	4
ENGT1134 - Office Systems and Equipment .....	3

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

General Education w/MnTC Goals

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

##### Courses

Course	Crds
COMM1120 - Introduction to Public Speaking .....	3
DET1204 - Mechanical Drawing III .....	4
DET1210 - Introduction to Parametric Modeling .....	4
DET1230 - Introduction to 3D Printing and Scanning .....	2

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

General Education w/MnTC Goals

#### 2nd Fall Term (16 credits)

##### Courses

Course	Crds
DET2110 - Advanced Parametric Modeling .....	4
DET2130 - Advanced 3D Printing and Scanning .....	2
DET2140 - Design for Manufacturing .....	4
ENGL1101 - College Writing .....	3

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

General Education w/MnTC Goals

#### 2nd Spring Term (14 credits)

##### Courses

Course	Crds
DET2240 - Computer Aided Machining and Programming .....	4
DET2250 - Reverse Engineering Applications .....	4

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

ARCH2248 - CADD Alternatives ..... 3  
DET2120 - Structural Design and Detailing ..... 3

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

General Education w/MnTC Goals