

# CADD Syllabus

Instructor: Mitch Kratochvill

(563)-552-5260

[mkratochvill@dbqschools.org](mailto:mkratochvill@dbqschools.org)

## Course Description

Computer Aided Drafting & Design (CADD) class is a semester-long class with two different areas of emphasis. One area of focus is traditional mechanical drawing. Students can draw parts, machines, cars, and more in 3-D on the computer. Another focus is architecture. Students design homes and print out their own home designs on paper, including their own “dream home”. This class serves as the prerequisite for further course work in Computer Technical Drafting.

Alignment to the Iowa Core Curriculum: Demonstrate a sound understanding of technology concepts, systems, and operations.

## Standards

This course is designed in alignment with the Iowa Core Curriculum 21st century technological literacy skills, as well as the ITEA Standards for Technological Literacy.

## Assessments

Assessments may include, but not limited to: formative, summative, peer, and self-assessment.

## Content

Class topics may include, but not limited to:

- Line Types and Lettering
- Measurement
- Missing View Identification Activities
- Single View and Orthographic Drawings and Sketches
- 2D/3D Activities
- Floor Plan and Elevation Sketches

## Instructional Strategies

Strategies may include, but not limited to: individual, group, assignments, and projects.

## Resources

Resources may include, but not limited to: books, demonstrations, websites, and handouts.

## Academic/Behavioral Expectations

See General Info attachment.

## Grading Plan

See General Info attachment.

## Communication Plan

Phone number and email address listed above. Also see General Info attachment.