Drafting II Syllabus 

2022-2023

# Instructor Information

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| Instructor | Email |  |
| **Monica Clendenin** | Clendem2@gcsnc.com |  |

## Description

This course teaches the development of knowledge and advanced skills in Engineering Drafting and Design. An understanding of 3D CAD concepts and terms, and the use of 3D CAD software INVENTOR is essential to this course, and the required method of producing finished drawings. Topics include cover advanced levels of Engineering Drafting and Design, Career Opportunities, Problem Solving, Manufacturing Processes, Parametric- Solid Modeling, Dimensioning and Tolerancing, Working Drawings, and 3D modeling. English language arts and mathematics are reinforced

## Aligned Industry Credential

Autodesk Certified User Inventor

## Expectations and Goals

I expect students to be engaged and give 100%. The goal of this class is to pass the Inventor certification at the end of the year. This entitles you (the student) to an Autodesk Inventor badge to display on your resume or linked in profile. This also looks great on college applications and you can look for jobs through the Autodesk website once you obtain the certification.

# Course Materials

## Optional Materials

I will request a few craft type materials later on in the year.

## Beginning of class

Sign into your computer and start your Inventor software as soon as you get into the classroom as it takes a few minutes to load up.

## Quarterly Grade Calculations

Major Assessments – 50% (This is tests & projects)

Classwork – 40%

Quizzes – 10% (Lowest quiz will be dropped)

## Late Policy

Students may turn in assignments up to seven calendar days after the due date with a 15 point penalty. After seven calendar days, the work will not be accepted.

## Cell Phones

I do not allow cell phones out in my class. If I see them you will be requested to put them in my phone jail & you will not be allowed to have it until AFTER the bell. I will occasionally give students a few minutes at the end of class to check their phones. You will lose this privilege if I see your phone out prior to me ending class.

## Rules

I DO NOT tolerate bullying

No food or drinks

No talking when I’m talking

Raise your hand to speak

No lining up at door – students are not to get out of their seats until the bell rings

No bathroom breaks the first and last 10 minutes of class

## Must be signed & handed in for a grade.

# Students Signature

## \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Parents Signature

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