

# technical design 1

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## Welcome to Technical Design 1

**Course Description:** This is the first instructional course in a sequence of courses that prepares individuals to develop technical knowledge and skills required to plan and prepare scale pictorial interpretations of engineering and design concepts. This includes instruction in the use of 2D/3D CAD software, sketching, drawing layout, geometric construction, orthographic projection, and dimensioning.

**Expectations:** This is a vocational elective class that prepares students for employment. Therefore, it is expected that students will behave as if they are employed in the field. Punctuality and preparedness are essential to a business-like atmosphere. Disrespect toward others, equipment, or school property will not be tolerated. Due to the high cost of equipment in the classroom; horseplay of any type will not be permitted.

### Grade Scale:

93-100% = A	80-82% = B-	67-69% = D+
90-92% = A-	77-79% = C+	63-66% = D
87-89% = B+	73-76% = C	60-62% = D-
83-86% = B	70-72% = C-	0-59% = F

Grade reports will be sent home with the student at midterm. Failing notices will also be sent. Without prior notification, a student will not receive a final failing grade.

**Grade Breakdown:** This course is broken into three categories: Assessments (60%), Participation (20%), Professionalism (20%).

**Assessments:** Assessments include but are not limited to assignments, quizzes, tests, and projects.

**Participation:** Daily points will be awarded to students who are on time and working each day in class. A loss of 5 points will result from an unexcused tardy. A loss of 10 points will be lost for ANY absence (excused or unexcused). For excused absences ONLY, points may be made up by attending an open lab. Participation points will be recorded at the end of each week.

**Professionalism:** Students are expected to act in a professional way, which means being respectful to the instructor and other class members. Unprofessional behavior will hurt you on the job and in the classroom. You will lose professionalism points by interrupting class with conversations, bringing food or beverage (other than water) near the computers, swearing, audible music, playing games, swearing, and cheating. Unlike participation points, which you earn throughout the quarter, students start the quarter with 100 professionalism points and can lose points for unprofessional behavior.

### Key to Violations

C-Cell phone	I-Inappropriate Comment	Name Calling
D-Disruptive	M-Audible Music	V-Vandalizing/Liter
F-Food or drink	N-Swearing, Teasing,	W-Messy Workstation

**Online Course (Moodle):** In this course we will be using an online website for quizzes and tests. The site can be reached from any computer that has internet access. The link can be found at: [moodle.bitworkz.com](http://moodle.bitworkz.com)

**Username:** first.lastname

**Password:** Draft1ng!

**Policies:** All classroom activities, procedures, instruction and discipline will be in accordance with posted, published, and instructed school and district policies, and state and federal laws (see student handbook, office, and posted notice.) The following are a few additional class policies and guidelines:

**Intervention:** The following is a policy that is based on intervention rather than remediation to help the students be successful in this course.

<b>Red Flag</b>	<b>Intervention</b>
Grade point average of 79% or below after unit test	Conference with teacher to develop a plan to get back on track. Assigned online simulation or tutorial.
Grade point average of 79% or below two consecutive times	Mandatory attendance at acceleration/remediation sessions (open labs); contact home.
Test grade of 79% or below	Mandatory retake.
Late Assignments	Mandatory attendance at acceleration/remediation sessions (open labs).

**Resubmissions/Retakes:** Any student may resubmit an assignment or retake a quiz/test in order to receive a higher grade. This will need to be done on the student's own time and the retake must be done within a week of the original due date.

**Make-up Work:** Students are responsible to find out what they missed in class. If a student is absent on the day a long-term assignment (ones where students have two or more weeks to work on) is due, the student will need to turn in the assignment the day they return.

**Late Work:** Adequate class-time will be given to complete assignments. (Homework is rare.) If a student needs to turn in an assignment late, the student is also required to attend an open lab.

**Extra Credit:** There will be set times to receive extra credit each quarter.

**Acceleration/Remediation Sessions (Open Labs):** This time is to help students be successful. It can be used to make-up work or just to give more time on assignments. Myself and the lab are available each day around 7 before school and until 3 after school. As the year progresses, additional times will be available each week.

**Materials/Fines:** Students will be given various tools to use throughout the course. These will be returned at the end of the course. Fees may be assessed at the conclusion of the course for broken or lost tools.

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## Parents/Guardians,

Please review and discuss the disclosure document with our student and return this portion with your signature.

I have read, understand, and discussed policies of Technical Design 1.

Student Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

Student Signature \_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_

Parent/Guardian Name \_\_\_\_\_

Parent/Guardian E-Mail \_\_\_\_\_

Parent/Guardian Phone \_\_\_\_\_

Preferred method of teacher contact:        Phone                          E-mail

Comments \_\_\_\_\_

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