

Technical Drawing & Design Syllabus

2022-23

Teacher: Helen Marks

Contact: hmarks@madisonschools.k12.va.us, MCHS: 540-948-3785

Room: 219

Canvas: <https://madisonschoolsva.instructure.com/>

Welcome! I am honored to have you in Technical Drawing & Design!

Course Description: In this foundation course, students learn the basic language of technical design, while they design, sketch, and make technical drawings, illustrations, models, or prototypes of design problems. Students develop spatial ability as they apply mathematical concepts to visual representations. The course is especially recommended for future engineering and architecture students.

Classroom Values:

- 1. Students are expected to be on time. Please place backpacks and lunch bags, etc., under your table keeping the desk area and walkways clear. Please go to the restroom before class starts. Please stay in the seating area at the end of class. We do not line up by the door waiting for the bell.*
- 2. **Cell phones:** Cell phones should always be in your backpack or in a closet pocket. Please see MCHS Student Personal Electronic Device Use in your student handbook. Sequence: First warning, second warning: parent is called, third warning: Office Disciplinary Referral will be issued by the teacher and the teacher will notify home. "Should a student refuse to put away their personal electronic device an administrator will escort the student to the front office for a support conference and notify the parent. A disciplinary referral will be issued at this point regardless of offense warning number as a result of refusing to comply with school rules."*
- 3. **Hats:** Ball caps and knit hats may be worn. Hoods are not to be worn.*
- 4. **Earbuds:** Earbuds should not be worn during class time.*
- 5. **Referrals:** Referrals are issued when class rules are not followed. Please see your Student Handbook.*
- 6. **Be Respectful, Responsible & Ready to Learn***

Academic Expectations:

* **Course Materials:** binder, paper, pencils, laptop

* **Grades: 60%:** Tests, Projects, Labs and **40%:** Homework/Classwork

* **Check PowerSchool regularly:** If you cannot get into PowerSchool please contact Mrs. Teal in Guidance: kteal@madisonschools.k12.va.us

* **Late Work:** Please have your work turned in on due dates. There will be late penalties for work submitted after the due date.

* **Please submit your own work.** Send me an email with any questions. Copying from the internet or other students, etc., is not an acceptable practice.

Communication: *The best way to contact me is by email. I will do my best to respond within 24 academic hours. Any parent who would like a phone call please let me know by email and I will do my best to call by the end of the school day.*

Goals for the Term:

- * Technical drawing and design
- * Engineering design process
- * Measurements
- * Geometric shapes
- * Dimensions and lettering
- * Basic modeling
- * Brainstorming solutions to design problems
- * Workplace readiness skills

I wish you great success!



Ms. Marks