

# ART + TECHNOLOGY

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Class Website: <http://dhsartandtechclass.weebly.com/>

## Course Description

This course is for students interested in using the latest technologies to create art. This course uses a STEAM (science, technology, engineering, art, math) based curriculum and is a great art course for any student who enjoys math and science. The course will introduce students to a variety of digital mediums such as computer programming, 3D printing, digital projection, video, and Arduino sensors/electronics. This art course emphasizes 2D/3D design and creative thinking. Each student will produce a digital portfolio of work that explores the student's interests in digital art.

## Things you must have for this class ASAP

### **Signed Student/Guardian Agreement**

Think of this syllabus as an agreement between the student, teacher and guardian about what is expected to be successful in this class. The syllabus needs to be signed by both the student and guardian and returned to the teacher within the first week of class.

## Things you need to do to be successful in this class:

### **Work like a "real" artist**

Artists are constantly looking around during their daily lives and coming up with ideas. During this term you need to start looking around more, thinking about what you are seeing and connecting it to your art making!

### **Attend and work every class session**

This class will have almost no homework, yippee! However that means that you need to be here to do the work! If you are unable to attend a class session, please let me know ahead of time so we can discuss a plan for you to make it up and continue to be successful. Additionally, students that are most successful stay focussed on art making during every class session!

## Possible Course Content

- New Media Art and Artists: Installation, Interactivity, Video Art, Generative Art, Light/Projection Art, Guerrilla Art
- Elements and Principles of Design
- MakeyMakey
- Photography: Cinemagraphs and GIFS
- Heavy M- Projection/Light Mapping
- Creative Coding using Processing
- Electronics in Artworks with Arduino
- 3D Printing with Thingiverse and Tinkercad
- Pixels in artworks
- Google Street View Photography
- QR Codes
- Data Visualization
- Drawing with GPS
- Assemblage of old electronics
- Instagram Installations
- Website: Digital portfolio of process and artworks
- Designing plans for potential artworks
- Critiquing work
- Creative Process and Creativity Skills
- Art as a career
- Showing work: Student Art Show

## Grading Categories

### **Creative Process Activities (Formative Assessment Category 10%)**

Students will be given the opportunity to participate in learning about art and expressing their thinking about the process of the works they produce through writing and speaking activities. These may include quick checks for learning such as a student presenting to the group or teacher about their ideas during the creation of an art piece, an exit ticket or lecture notes. These activities will be difficult for a student to make up outside of class as they will involve information presented by the teacher or interactions with peer artists. As per the school policy, late work will not be accepted and the lowest applicable grades (according to school year) will be dropped at the end of the term.

### **Digital Portfolio- Final Artworks (Summative Assessment Category 65%)**

Final artworks for each unit will be critiqued formally in class according to the dates announced by the instructor. The student must also document their final piece using image and video and post this to their website. The instructor will provide additional requirements to add a personal critique of the work as well. This work will be done in class, and will be due according to the class calendar and announced by the instructor. Entries will be graded based on the rubric exemplars provided. Students will have the opportunity to re-do and resubmit their projects that show additional mastery for full credit for two weeks after the assignment due date. After the two week mark, student will not be able to receive credit for work.

### **Professional and Positive Behavior Expectations (5%)**

Students will be monitored and graded on the Professional and Positive Behavior Expectations Rubric provided by DHS at week 9 and 18 during the semester through self-assessment and by the instructor. Students will be expected to work toward content mastery of the standards taught in this course and their professional and positive behavior is imperative to help reach this end.

### **Artist Statement and Art Show Critique (Final Exam Category 20%)**

During the last week of the term students will have completed their digital portfolios and spend time writing an Artist Statement about their portfolio work that will be added onto their website. This reflective activity is an authentic assessment of what the student learned during the course of the term and allows them to reflect on their work and synthesize the results. The students will have ample time to write and edit their Artist Statements in class with support from the teacher and peers. If a student needs extra help or accommodations to complete the Artist Statement please talk with the instructor to arrange these. The Artist Statement will be graded by the instructor during the final exam using the rubric provided to the students.

Students will also be asked to use their best critique skills to discuss a piece of artwork at the student art show as part of their final exam grade. This activity will provide the student the authentic opportunity to discuss real art and get feedback about their artwork. The critique will happen during class and students will have the opportunity to get feedback about their critiques from the teacher if requested before submitting it for a grade. If a student is absent during the art show, they will need to get with the instructor immediately to make-up critique before the show comes down or do an alternative assignment with real work out in the community.

## Classroom Culture

Enjoy Making Art!

Be Safe

Be Kind

Be Positive

Be Respectful

Be a teacher

Be a good listener

Ask questions

## Class Policy Highlights

*This course adheres to the policies that are listed in the DHS Student Handbook.*

### **No Devices Zone!**

I need you to be engaged in your learning. You may not use your device in the classroom. You may step out in the hall if you need to use your device. Keep your device off and away. If you violate this rule I will follow the procedure in the Student Handbook.

### **Eating and drinking**

Very carefully please, we have sensitive technology and art work in the studio

### **Leaving Class**

If you are going beyond the art commons you MUST have a pass.  
Not during instruction. If you leave without permission you will lose this privilege.

### **Prompt to Class**

It is your responsibility to be prompt to class. As my classroom may be far from your other classes, plan accordingly. Do not knock on the window or door to let you in after class started, please go around. Please refer to the Student Handbook for the tardy policy.

## **Other Course Concerns**

### **Content of your art**

There is a lot of great art that is not school appropriate, however here you must make school appropriate art. Definitely no: guns, nudity, violence, smoking, alcohol or drugs in any context. Not sure if your idea is; ASK!

### **Art history disclaimer**

In the study of art, students may be exposed to images of nudes or other sensitive subjects. Students will not be intentionally subjected to this type of material, but may experience it as an integral part of the curriculum. Students will be instructed as to how to deal with this imagery appropriately. Please let the instructor know if you are concerned.

### **Plagiarism**

Yes, there is plagiarism in art. Your art must be your own ideas. I will give you a zero if I catch you plagiarizing and report the incident. All art must be original ideas and made by you!!

### **Computers**

We will be using computers in this course. The computers are provided for you ONLY for the purpose of making art. Consequences for inappropriate use of the computers are written in the school handbook. I reserve the right to suspend your use of the computer and provide an alternative assignment(s) for you to complete this course.

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## **Student/Guardian Agreement for Art + Technology (Return signed by the end of the first weeks of class!)**

- ✓ We have read the entire course syllabus and we understand the content of the course and what is required to be successful. Also, we have asked the instructor any clarifying questions or concerns we may have at this time and agree to ask if anything comes up.

\_\_\_\_\_  
Student Name

\_\_\_\_\_  
Guardian Name

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

\_\_\_\_\_  
Guardian Signature

*Questions, concerns or anything else I need to know to help you or your student do their best in this class:*

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