



Name of School: **Davenport High Schools**

Name of Course: **Computer Graphics and Design I (031511)**

### **Instructor Information**

Name: Central, North, West, and Kimberly Center East

Email: name (last name + initial of first name)@davenportschools.org

School Phone: Central - 563-323-9900 ... West - 563-386-5500 ... North - 563-388-9880...

Kimberly Center East - 563-386-5840

Best Time: ½ hour before and after school

### **Course Description**

This course is designed to prepare students for a variety of career fields such as computer graphics, illustration, multimedia design, and their related fields. Students in this introductory course will explore basic tools and processes to create digital art using the technology of computers, software, scanners, printers, digital cameras, digital camcorders, card readers, flash drives, burners, drawing tablets. Students will apply skills and knowledge to real life problems to communicate ideas through quality design. There is an additional fee for materials.

### **District Standards and Power Benchmarks**

#### **Visual Arts Standard:**

Students will understand, produce and value visual art

#### **Power Benchmark:**

Students will process, analyze and respond to sensory information through the language and skills unique to the visual arts. (Artistic Perception)

Students will use media, techniques, and processes to communicate ideas, experiences, feelings, and stories. (Creative Process)

Students will understand the historical contributions and cultural dimensions of the visual arts. (History and Culture)

Students will respond to, analyze, and make judgments about works in the visual arts. (Art Criticism)

#### **National Standards:**

Understanding and applying media, techniques, and processes

Using knowledge of structures (e.g. sensory qualities, organizational principles, expressive features) and functions of art

Choosing and evaluating a range of subject matter, symbols, and ideas

Understanding the visual arts in relation to history and cultures

Reflecting upon and assessing the characteristics and merits of their work and the work of others

Making connections between visual arts and other disciplines

## **Course Information**

Course Length: One term

Elective Course

.5 credits awarded (.25 per quarter at Kimberly Center East)

No prerequisite

## **Course Outline/Calendar**

List of Units:

Unit 1 - Introduction to Course

Chapter 1 - Introduction to software interface and workspace

Chapter 2 - Technical terminology and basic techniques

Chapter 3 - Explore avenues of possible career related fields

Unit 2 - Exploration of Materials and Techniques

Chapter 1 - Introduce differences between raster and vector images

Chapter 2 - Use skills tutorials to increase knowledge

Chapter 3 - Build upon new knowledge while increasing independence

Unit 3 – Needs of Output

Onscreen presentations

Printing – emphasizing differences in quality and formats

## **Text/Other Required Materials/Resources**

Adobe Photoshop

Adobe Illustrator

Adobe In-Design

Adobe Classroom in a Book

Other technical and trade manuals;

On-line web sites and tutorials;

Museums

Guest Artists

A/V Media

Posters, Videos, Art prints

## **Instructional Procedures & Support**

- Cooperative learning, hands on lab work, and lecture.
- Note taking, compare and contrast, higher order thinking skills, and critiquing.
- Listening to directions, completing projects, classroom participation.
- Homework expectations – meet assignment deadlines.
- Make-up work - Before and after school or at home if applicable.
- All make-up work is due by Mid-term and before finals.
- Students are encouraged to ask questions during class, before and after school and peer tutoring.

### **Classroom Management Procedures**

Students are expected to follow the policies set forth in the student handbook. Student handbooks are the only admissible hall passes. Students are expected to comply with all classroom safety procedures.

### **Davenport Community Schools K-12 Visual Arts Guidelines**

**Student Artwork shall not depict these items:**

**Criminal Acts**

**Tobacco, Liquor, and Controlled Substances**

**Assaults & Threats to Others**

**Gang Activities or Symbols/Paraphernalia**

**Weapons**

**See Davenport School Board Policy 504.01**

**<http://www.davenport.k12.ia.us/schoolboard/bpolicy/504.as>**

### **Assessment Plan**

Projects are graded using the following criteria: aesthetic content, craftsmanship, effort, and following directions. Students will be encouraged to enter into the evaluation process by using rubrics and standard critique procedures using Elements and Principles of Art.

Progress reports will be distributed to communicate course standings.

A final assessment activity will be utilized to evaluate student's level of proficiency.

A presentation and critique will be required, to bring closure to the student's final assessment activity during the time allotted for course finals.

### **Grading System**

Following the Davenport Community School District Guidelines, the grading scale is as follows:

100 - 92 % A

91 - 83% B

82 - 68% C

67 - 60% D

59 - Below I (To receive credit toward final grade for this course, work must be completed within 5 days from the end of the term. This "I" will become an "F", if work is not completed).