

Web Design 3 & 4

COURSE DESCRIPTION AND EXPECTATIONS

Instructor: Mr. Fornstrom

Credit: 5 Semester Hours

Prerequisite: 1) Computer Magnet Web Design 1, 2

Phone: 720-423-7164

E-mail: stacey_fornstrom@dpsk12.org

Website: <http://www.fornstrom.tjcomputermagnet.com>

INSTRUCTOR BIO

I have taught in the TJ Computer Magnet program for 11 years. I graduated from the University of Wyoming with a B.A. in Business Administration and from Texas A&M with a M.S. in Management Information Systems. Prior to teaching I worked as an accountant and a computer consultant for businesses.

COURSE DESCRIPTION

Advanced Web Design 3/4 is a continuation of Advanced Design 1/2. The class focus will be on applying skills learned in Web Design 1/2 to real-world projects in the school and community. The course includes more in-depth study of design considerations and using CSS to streamline development. DreamWeaver, WordPress, and Wiki's will be used to create web sites. Photoshop, Fireworks, and other graphic design tools will be used extensively.

FEES

There is a \$50 fee for this class that will be used for software, student supplies, and membership in the TJ chapter of Skills USA. The class fee will cover both semester 1 and semester 2. Please turn the money in to Mr. Fornstrom by **Friday September 2, 2011**. Checks should be made payable to **Thomas Jefferson High School**.

CLASS RULES AND PROCEDURES

Please refer to the attached Computer Magnet class rules for details of the behavior and procedures that will be followed in class.

MAKE-UP and LATE WORK

Excused Absence: The student will be allowed one day for each day absent, plus one extra day to make up work and tests missed.

Unexcused Absence: The student receives a grade of 0 for any work missed as a result of an unexcused absence.

Late Work: I realize there will be times when unforeseen circumstances (particularly with computers) make it difficult for work to be completed on time. If the student attended class but was unprepared with their assignment, they can turn the work in the next day for a maximum of 50% credit. No credit will be given for work turned in more than 1 day late. Please plan for the unexpected when completing assignments so that there is ample time to complete all work on time.

LAB & OFFICE HOURS

The computer lab is open every day from 7am to 3pm for student project work. Mr. Fornstrom is available in the lab from 7am to 3pm. Please contact him to schedule an appointment or additional lab time.

GRADING

Grading will be based upon assignments, quizzes, tests and participation points. There will also be several group projects. Each team member will earn both an individual grade and a group grade on each group project.

PARTICIPATION POINTS

In order to become proficient with computers, students need to work and practice with computers. To encourage this, 3 participation points are available each class day for being here, on-time, and on task. If a student has an excused absence they may come in and make-up the computer work to receive the days participation points. Points lost for unexcused tardies or absences may not be made up. Points lost for inappropriate computer use (such as playing games or surfing the web during class time) may not be made up.

GRADING SCALE

- 90-100% = A
- 80-89% = B
- 70-79% = C
- 60-69% = D
- Below 60% = F

COURSE CONTENT – WEB DESIGN 3/4:

Course content will include, but is not limited to:

General Concepts and Software

- Word processing using Word.
- Presentations using PowerPoint.
- Using Inspiration to organize ideas.
- Spreadsheets using Excel.
- Student blog using Wordpress.

Project Design

- Problem definition
- Site design
- Work Breakdown Structures
- Task scheduling

Web Site Implementation

- Implementation techniques using CSS
- Version control
- Graphics considerations
- php basics

Web Site Development Tools

- Adobe DreamWeaver
- Adobe Photoshop and Fireworks
- Other graphics tools as needed
- Wordpress.com
- Wikispaces.com