

COMPUTER MAGNET – Advance Web Design- Level 3 & 4

COURSE DESCRIPTION AND EXPECTATIONS

Instructor: Mr. Esparza

Credit: 5 Semester Hours

Prerequisite: Intro to Web- Level 1 & 2

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Fall 2010

COURSE DESCRIPTION

Materials:

There will be some video tutorial that will require headphones.

Headphone must be obtained by **Aug. 23rd, 2010.**

FEES

There is a **\$40** fee for this class. This fee pays for software and school supplies, this lab fee includes your membership dues to the Computer Design club. Please turn the money in to Mr. Esparza by **Friday August 27th, 2010.** 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. You may also refer to the web site (<http://esparzatech.com>).

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 no more than 50% of 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. Students need to work out a plan with the teacher if such situations occur. After the due date, grades points will decrease daily by 5% up to 50% of possible points.. Please plan for the unexpected when completing assignments so that there is ample time to complete all work on time.

Open Lab: The computer lab will be open during lunch on selected days for students who need to complete make up assignments. See posted schedules for lab days. . The lab is also open during **Excel time** on Wednesday.

GRADING

Grading will be based upon assignments, projects, and participation. There may be a group project where individuals will be responsible for their share of the group project. There will also be a team grade. . Your grade is cumulative for one semester. Student with grades below a C will be expected to **use Excel Time.**

GRADING SCALE

90-92.9%= A-	93-100% = A	
80-82.9%=B-	83-86.9=B	87-89% = B+
70-72.9%=C-	73-76.9%=C	77-79% = C+
60-62.9%=D-	63-66.9=D	67-69% = D+
Below 60% = F		

Content Overview:

This course is an advanced level web class. This class will focus on refining and applying skills learned in level 1 and 2 to create a real-world website that will be dynamic and function on the World Wide Web. Project Management Plans will be required as students start to work on these projects.

Tools:

Dreamweaver, PhotoShop, Garageband, Inspiration, Word Press, Flash, Fireworks, Final Cut Express.

Projects:

1. Students will create a two page web site to review HTML skills
2. Students will create a 5 page web site to review how to create a CSS website
3. Students will create a School bio page using Word Press
4. Students will be given projects that will require them to build a website that is real-world. Website functions will be determined by the client interview. **Examples of projects:**
 - Chess club
 - Student Council
 - TD Touchdown Club
 - Teacher Page on the TJ Journal
 - JROTC
 - Photo Club
 - Game Club
 - 3d Club
 - Drama club
 - Mecha Club
 - Science Club
 - Any sport team at TJ
 - Non-profit organizations

Key Learning:

- 1 Project Management
 - a. Overview and objectives
 - b. GANT chart
 - c. Self accountability/management
- 2 HTML- Review the basics
- 3 Database driven website- Understanding PHP basics
- 4 Flash and video integration
- 5 CSS layout using DreamWeaver tools
- 6 Designing from Word Press and Wiki
- 7 Edit CSS to customize Word Press templates and layout
- 8 Understanding and using Web 2.0 Tools
- 9 Apply critical communication skills (Client relations)
- 10 Refining **skills** and **key** learning in level 1 & 2

Student's name- Print Please

Student's Signature

Parent's Signature

Date