Digital Design - "Digi-Design"
Course Syllabus

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Welcome to *Digital Design (Digi-Design).* This semester long course develops skills that lay the foundation for producing Web-ready communications using Adobe Web tools. From planning to redesign, the Digital Design activities provide students opportunities to create both personal and client-specified communications. Digital Design develops four key skills areas: project management and collaboration, design, research and communication, and professional web-authoring tools. Students develop these key skills in a spiral—each project adds more challenging skills to their foundation. To simulate a professional work environment, students gradually migrate their design work from an individual process to a group process with each project containing activities that require students to evaluate and then redesign and rework their communications.

People expect more from the Internet now – richer content and more dynamic applications. Utilizing the Adobe CS3 Suite, which brings the power of Flash, Dreamweaver Fireworks, and Acrobat, together into one highly integrated application (in addition to using HTML language), students will be developing professional websites delivering the intuitive, effective experiences users demand.

Macromedia Flash MX

Macromedia Flash MX is the professional-standard authoring tool for producing high-impact Web experiences. Whether creating animated logos, Web site navigation controls, long-form animations, entire Macromedia Flash Web sites, or Web applications, the power and flexibility of Flash is ideal in utilizing the developer's creativity. Utilizing Flash, students will learn the Web publishing skills needed to:

- ❖ Work with the Macromedia Flash interface and drawing tools.
- ❖ Import a variety of file formats.
- ❖ Overlay and align images.
- ❖ Manipulate video.
- ❖ Create button, graphic, and movie clip symbols.
- ❖ Create frame-by-frame animations.
- ❖ Add sound effects.
- ❖ Generate an e-mail form.
- ❖ Publish and export Macromedia Flash movies.

Dreamweaver MX

Macromedia Dreamweaver MX is a professional visual editor for creating and managing Web sites and Web pages. Dreamweaver can be used to visually design your Web page in the convenient layout view or you can use the robust text-editing feature when you want to hand code your page. Through Dreamweaver, students will learn the Web publishing skills needed to:

- ❖ Create professional, dynamic and informative Web sites.
- ❖ Add text, graphics, and links.
- ❖ Add Macromedia Flash text and buttons.
- ❖ Create complex tables in Layout view.
- ❖ Add enhancements, such as rollover buttons and images
- ❖ Manage the site.

Fireworks MX

Macromedia Fireworks MX is a graphics program used to create and edit sophisticated images for the Web. With Fireworks, you can quickly create image maps, rollover buttons, animations and entire Web pages. The professional design tools in Fireworks even let you import digital camera files and scanned images, as well as files from popular image-editing programs and other graphics applications. In the Fireworks section, students will learn the Web publishing skills needed to:

- ❖ Create graphics with both vector and bitmap images.
- ❖ Import objects from other applications.
- ❖ Work with grouped objects and layers.
- ❖ Create formatted text.
- ❖ Apply special effects and build buttons.
- ❖ Add rollovers.
- ❖ Create animated GIF images.
- ❖ Optimize images.

Grading Scale

Students will be evaluated and graded in the following three major areas:

10% - Leadership Component
10% - Participation/Work Habits
80% - Production (Daily Work, Tests, Projects, etc…)

(A = 90 - 100   B = 80 - 89   C = 70 - 79   D = 60 - 69   F = 0 - 59%)

Students must have successfully taken Digi-Tools, MOS, or Computer Applications at the high school level, or receive a waiver from the middle school technology teacher or high school Business Education teacher, as a prerequisite to Digital Design.