



# UTICA COMMUNITY SCHOOLS

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## Course Title: Web Page Development I

### Overall Course Content Expectations:

- Analyze web pages for design, content, and accessibility
- Demonstrate effective Internet research techniques
- Create a website using Notepad and HTML
- Create a website using a Microsoft FrontPage template
- Create a website using Adobe Dreamweaver, Fireworks and Flash
- Incorporate open-source JavaScript into a website
- Develop planning and organization skills through the use of a storyboard
- Utilize related technologies such as digital cameras and scanners
- Design and develop web pages using a variety of software design tools
- Generate a list of interview questions that would be asked of a potential web design client;
- Design a website for a "client" that meets client specifications
- Apply business strategies to web design

### Specific Software Requirements

- **HTML**
  - Create a website by "hand-coding" HTML into notepad using a variety of basic HTML tags
- **FrontPage**
  - Create a Website using Microsoft FrontPage templates and wizards
  - Insert and import text and images
  - Format text and graphics
  - Create new hyperlinks
  - Add and modify FrontPage components

- **Dreamweaver**

- 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 using the Dreamweaver Site Manager
- Create dynamic user-interface elements, including simple rollovers and complex navigation bars
- Create a template in Dreamweaver
- Utilize a Cascading Style Sheet (CSS) in a basic website design

- **Flash**

- Create a motion and shape tweens to meet specifications
- Import a variety of file formats (including images, video and swf files)
- Overlay and align images
- Manipulate video
- Create button, graphic, and movie clip symbols
- Create frame-by-frame animation
- Add sound effects
- Implement basic ActionScript

- **Fireworks**

- Create graphics with both vector and bitmap images.
- Import objects from other applications
- Work with grouped objects and layers
- Create and format text using a variety of font and filter options
- Apply special effects
- Build buttons with rollover behaviors
- Create animated GIF images
- Optimize and export images in a variety of formats