

CII Course Syllabus – Webpage Design

Title

Webpage Design

Target Audience

This course is designed for current and pre-service teachers of grades K-12.

Prerequisites

Learner type is an intermediate technology user. Students should have reliable Internet access with knowledge of basic computer use, web navigation, and downloading and installing of software.

Course Description

This course is a six-lesson online staff development activity. Teachers will be able to apply the basics of web design and produce a multi-page site suitable for presentation in a classroom environment.

Facilitator

TBA

Credit

To be determined by college or university

Standards

IV. Standards of Learning Objectives

8 VAC 20-25-30. Virginia Technology Standards for Instructional Personnel.

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| SOL A | Instructional personnel shall be able to demonstrate effective use of a computer system and utilize computer software. |
| SOL B | Instructional personnel shall be able to apply knowledge of terms associated with educational computing and technology. |
| SOL C | Instructional personnel shall be able to apply computer productivity tools for professional use. |
| SOL D | Instructional personnel shall be able to use electronic technologies to access and exchange information. |
| SOL E | Instructional personnel shall be able to identify, locate, evaluate, and use appropriate instructional hardware and software to support Virginia's Standards of Learning and other instructional objectives. |
| SOL F | Instructional personnel shall be able to use educational technologies for data collection, information management, problem solving, decision making, communication, and presentation within the curriculum. |
| SOL G | Instructional personnel shall be able to plan and implement lessons and strategies that integrate technology to meet the diverse needs of learners in a variety of educational settings. |
| SOL H | Instructional personnel shall demonstrate knowledge of ethical and legal issues relating to the use of technology. |

Learning Outcomes

After completion of this course, learners will:

- Utilize the message board as an Interactive resource for discussing and evaluating assignments by posting a minimum of two messages and required assignments on a weekly basis.

- Obj2 Demonstrate an understanding of mark-up language as it applies to web pages by writing an explanation of this language in the message board.

- Obj3 Identify principles of good design by applying these principles to other presentation materials used in the classroom.

- Obj4 Utilize HTML code and a web page editor and produce web pages as required in the assignment descriptions.

- Obj5 Analyze a web page for design features covered in this unit posting your analysis to the message board.

- Obj6 Apply your understanding of web design and HTML code and set up a four page web site.

- Obj7 Evaluate personal web pages for design consistency by posting at least one paragraph of comments to the message board.

- Obj8 Identify additional teacher/educator created web pages and share at least 4 of them with the class by posting them to the message board.

- Obj9 Recognize that the issue of copyright value of web content is necessary in building web pages.

- Obj10 Recognize 5 areas to consider when evaluating web pages for educational value.

Process

This section is broken down into the six weekly lessons. Each lesson is detailed in its activities to be accomplished.

Assignment 1: Creating a Practice Page

This week you will create a simple one page webpage.

Assignment: This week you will create a basic webpage. You will experiment with colors, fonts and backgrounds.

Product

Make your practice page from the editor elements described in this lesson. Post questions or problems to the assignment discussion. Post your page to the Discussion board.

Idea Sharing

Please post a brief introduction of yourself to the course Discussion Board, including the following information (in addition to any other facts you might want to share):

- where you live
- what you do
- why you enrolled in this course

- if you are a teacher, the level or subject
- your favorite Web site and why

Post to the discussion about your experience while making this practice page?

*For a satisfactory grade, submits at least one thoughtful post early in the session, and at least two responses to other learners at various times during the session. For an **exemplary grade**, submits two or more thoughtful posts early in the session, and more than two responses to other learners at various times during the session.*

Assignment 2: Designing our Website.

Now that you know how to create a simple page, we need to start thinking about designing our website. This week, take some time to explore other teacher's websites.

Project:

Select 3 web pages of your choice and analyze the positive and negative elements of the design principles used. Post the URLs of the web sites with your comments to this discussion.

Idea Sharing:

In what ways can we utilize the design elements discussed in this week's curriculum with other media we use in our classroom? For example, would the ideas work with our PowerPoint presentations? How about transparencies we create?

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Assignment 3: Establishing a Good Foundation

During the steps to create your web site we need to plan for three things: the purpose and audience, the images to be used and the path around your site.

Product:

Continue working on your 4 page website.

Idea Sharing:

In what ways do you see using personally designed web pages in the classroom?

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Assignment 4: Creating Tables

This week, you learn how to create a table and the value of tables.

Product:

Practice creating a new page with a table. Post it to the Discussion board. Do not include any graphics, because we will not be able to see them. Have fun and be creative.

Continue working on your 4-page web site.

Idea Sharing:

Name two types of links you would like to create on your web site. Why did you choose these two?

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Assignment 5: Adding Graphics, Hyperlinks and Targets

This week you will learn how to add graphics, hyperlinks and targets.

Product:

Continue working on your 4-page website. to submit your project draft to a peer or colleague to assist with editing. When you are ready to submit your final project, compile the following sections:

Idea Sharing: There is no idea sharing this week.

Assignment 6: Lights, Camera, Action!!! Cyber Show and Tell

This week you will post your website to the Internet. We will also talk about evaluating websites and copyright issues.

Project:

Post your URL to the discussion board. Provide feedback to at least 3 learner's web sites.

Idea Sharing:

What restrictions does your school system have regarding publishing web pages?

What copyright issues do you need to consider when creating web pages?

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Schedule

This course is scheduled to take approximately 45 hours to complete readings, activities, video, assignments, reflections and a final project.

Requirements

Learners are expected to:

- Complete all assignments
- Participate regularly in discussion boards
- Complete a 4 page website

Materials (hardware, software, plug-ins)**Technical Requirements**

- Composer
- Word processor
- Internet service provider
- Email