

ETEC 641
Webmastering for K-12 Instructional Delivery
3 hours

Master Syllabus

Description: This course is designed to develop expertise with the world wide web, including basic skills in the planning and development of an instructional website for support of teaching in the K-12 classroom. This course is designed for advanced beginner computer expertise.

Textbook: To be chosen as course is taught. Because of rapid technological innovation, the textbook for this course will be reassessed semesterly

Evaluation/Assessment: Students will construct web products that will be used as part of an authentic assessment

Objectives: Upon completion of this course, each student should be able to:

Build a series of web pages using graphics, hyperlinks, lists and tables

Specify background attributes for web pages

Identify and describe the advantages and disadvantages of alternative strategies of organization of content on a website

Use basic graphics tools to scan, construct, and modify graphics for use in the web environment

Deliver multimedia elements, including prepared audio and video through a web interface

Implement basic principles of visual design in the layout of web pages

Discuss elements of copyright law that extend beyond the basic copying of materials in the context of web development