

**AUSTIN COMMUNITY COLLEGE
CONTINUING EDUCATION**

Capstone Portfolio

(Equivalent of 24 hours)

ITNW 6003

COURSE SYLLABUS

Course Description: Final course in the ACC Webmaster Certificate Program. Develop a website that demonstrates the range of skills and abilities acquired during the program. You will develop this website with one or more ACC Webmaster program faculty members acting as mentors, who define the requirements for this final, "capstone" project and approve the student's completed project. **Prerequisites:** Completion of all other requirements for an ACC Webmaster Certificate (either track). The Webmaster student will build a website that meets the needs of a non-profit organization. The Capstone project should reflect tasteful, intelligent web-page design, using headings, lists, alternate fonts and type sizes, color, graphics, links, tables, and style sheets. The project should include multimedia (audio, video, or animated graphics) and interactive elements, the latter powered by Perl, JavaScript, or JAVA code that the student has written or substantially modified. (no classroom meetings; one-on-one with mentor).

Objectives: Every student will be able to:

- Use the underlying technologies of the Internet and World Wide Web
- Create graphically attractive and functional websites
- Demonstrate the Web page edit-review cycle
- Use a markup language
- Use the basic components of an X/HTML tag and an X/HTML entity
- Create a web pages and websites that utilizes X/HTML tags to form a document structure and information hierarchy
- Create lists, hyperlinks, insert graphics, format pages using text font and color settings, create web forms, tables and other advanced X/HTML objects
- Use at least one graphic program to create his/her own graphics
- Use at least one programming language and use it in web design

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Rationale: Ideally, the Webmaster student should find a non-profit organization which for s/he will build a website that meets that organization's needs. The ability to create Web pages is becoming an important aspect of many employment skill sets and experienced and talented Webmasters are and will continue to be in high demand. The best way to demonstrate the readiness for this demanding job is to create a portfolio that potential employers can view. This approach seems to be successful and has been approved by many hi tech companies as well as members of the Advisory Committee of the ACC High Technology Institute.

Required Material: None

Type of Course: Short Course

Evaluation: Students will be evaluated on their competency in demonstration a variety of skills acquired in previous Webmaster Program classes. The students must be able to create a complete website for a company of their choice under the supervision of a faculty member as a mentor. The website has to be approved by an existing Webmaster Certificate Program Evaluation Committee. The coordinator will validate each student's achievement of the course objectives by signing and awarding individual a certificate of completion of ACC Webmaster Program.