

COURSE TITLE AND NUMBER: CAP 135

North Central Michigan College

NCMC MASTER COURSE SYLLABUS

Last Date Revised _____

DIVISION/AREA: Business and Technology

DEPARTMENT: Business and Technology

DIVISION DIRECTOR: Robert J. Marsh, Ph.D.

ORIGINATOR: _____

DEAN OF INSTRUCTION: Timothy Dykstra, Ph.D.

TOTAL HOURS OF INSTRUCTION: 3 LECTURE: 3 LAB: 0 TOTAL CONTACT HOURS: 52.8

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CREDIT HOURS: 3

COURSE TITLE: Web Page Design

TRANSFERABLE YES: NO: X TO: _____

PREREQUISITE(S)/COREQUISITE(S)/ADVISORY: None

CATALOG DESCRIPTION:

A well designed website can be a valuable asset to an organization. This is a course teaches website management and sound website design principles. Students will use a rapid site development tool such as Front Page, Dreamweaver or Go Live to simplify such tasks as adding text, tables, frames, navigational controls, still images, audio, video, Active X, JavaScript and other components to web pages. Students should already be able to use Windows, the World Web and a browser such as Netscape or Internet Explorer. This can be accomplished by taking CAP 100 & CAP 101.

GENERAL EDUCATION OUTCOMES:

- Think critically and analytically
 - Independently acquire knowledge
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COURSE OBJECTIVES & OUTCOMES:

At the successful completion of the course, students will gain an understanding of:

- The planning process involved in creating a website
- Attributes of a strong functional website
- Basic file transferring techniques
- Dreamweaver functions
- Basic HTML
- Image manipulation with Fireworks

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- Process for upkeep of an existing site
- Usage of site tracking software

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METHODS OF INSTRUCTION: Lecture, in class exercises, projects and assignments

METHODS OF EVALUATION: Exams, class projects, quizzes, homework

REQUIRED TEXTS: How to Use Dreamweaver MX and Fireworks MX, Lon Coley

OPTIONAL SUPPLEMENTARY MATERIALS: Macromedia Fireworks Visual Quickstart Guide, Sandee Cohen

Reasonable accommodations may be provided for students with documented physical, sensory, cognitive, systemic, and/or psychiatric disabilities. Please contact the Education Opportunity Program (EOP) at (231) 348-6687 to arrange services for this course.

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TIME ALLOWANCE AND SEQUENCE OF INSTRUCTION:

Week	Chapter	Topic
1	1	Class introduction Getting started with Dreamweaver
2	2, 3	Planning and setting up a site Working with text
3	4, 5	Reusing Information Links, Navigation, Structure
4	6	Frames and frameworks
5	7	Introduction to Fireworks
6	8, 9	Images Working with images in Fireworks
7	10	Navigation in Fireworks
8	11	Working with Layers
9	12, 13	Scripts in Dreamweaver Text and image effects in Fireworks
10	14, 15	Layers and frames Fireworks Slices and HTML in Fireworks
11	16	Optimizing images
12	17, 18	Working with forms in Dreamweaver Using external media in Dreamweaver
13	19	Introduction to databases
14	20	Dynamic pages
15		Review, project presentations
16		Final exam

APPROVED FOR ADOPTION BY THE CRD/AP COMMITTEE ON _____