

GCMW 217 Online Store Design (3)

1½ hours lecture - 4½ hours laboratory

Recommended Preparation: Ability to use a WYSIWYG Web page editor, or text editor, to create a simple Web page and upload it to the Web. A course such as GCMW 102 would be appropriate and can be completed at the same time as this course

Transfer acceptability: CSU

Design of interactive commercial web sites with emphasis on online shopping carts. Hands-on production of various types of online stores. Evaluation of various e-commerce solutions, security/privacy concerns, payment options, user experience, backend tools, front end design and site promotion. Criterion for choosing the best e-commerce solution for specific e-commerce projects.

GCMW 220 Designing for Web Standards (3)

1½ hours lecture - 4½ hours laboratory

Recommended preparation: GCMW 102

Transfer acceptability: CSU

Web site design and production using the current standards of the hypertext markup language (HTML) CSS, Cascading Style Sheets. Hands on course will emphasize creation of Web pages, basic styling for Web Page Layout and publishing them on the Web. Heavy emphasis on page layout using Cascading Style Sheets.

GCMW 221 Best Practices for Web Design (3)

1½ hours lecture - 4½ hours laboratory

Recommended preparation: Knowledge of basic CSS for Web page layout. Experience publishing a multi-page Web site to the Web. GCMW 220 or equivalent knowledge/experience is recommended.

Transfer acceptability: CSU

Current standards of Web design set forth by the W3C mandate changes in the way Web designers create their Web pages. This course builds on the skills of basic CSS Web page layout and adds more advanced skills, as well as newer techniques defined in CSS3 and HTML 5.

GCMW 226 Web Database Design II (3)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in GCMW 216

Transfer acceptability: CSU

Modern Web sites frequently need to interact with Web database servers in order to manage content, take orders or reservations, receive information, and interact with their visitors. This is a hands-on course for creating Web pages with a modern Web design tool such as Dreamweaver that draw dynamic content from remote database servers such as MySQL. Learners will design and manage a remote database on a remote database server using popular database management tools. More advanced Web database applications will be emphasized. Students will develop an advanced Web database project.

GCMW 229 Content Publishing for Mobile, Web and Apps (3)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in GCIP 149, GCMW 205

Transfer acceptability: CSU

Explores various aspects of multimedia content creation for interactive publishing and the web. Utilizes group work and project management skills in content creation and publishing. Students evaluate and select viable projects, create and author various content, and deliver to appropriate mobile device, screen media and Internet formats.

GCMW 232 Web Accessibility Design (1)

3 hours laboratory

Prerequisite: A minimum grade of 'C' in GCMW 202 and 220

Transfer acceptability: CSU

Evaluate screen and Web design techniques to maximize accessibility by people with physical disabilities. Implement tools to convert documents to accessible formats. Produce sites that are accessible. Use various resources from the World Wide Web Consortium and publishers such as checklists, examples of code, conversion tools, test tools, etc. Review legal requirements (Americans with Disabilities Act and the Web Accessibility Initiative) for various sectors to provide fully accessible Web sites.

GCMW 295 Directed Study in Graphic Communications (1, 2, 3)

3, 6, or 9 hours laboratory

Prerequisite: Approval of project or research by department chairperson/ director

Note: Cross listed as GCIP 295

Transfer acceptability: CSU

Independent study for students who have demonstrated skills and/or proficiencies in Graphic Communications subjects and have the initiative to work independently on projects or research outside the context of regularly scheduled classes. Students will work under the personal supervision of an instructor.

GCMW 296 Special Projects (1, 2, 3)

3, 6, or 9 hours laboratory

Recommended preparation: Advanced coursework or job-related experience

Note: Cross listed as GCIP 296

Transfer acceptability: CSU

Independent work on a specified sustained project which does not fit into the context of regularly scheduled classes. Students work from a contract agreed upon by the student and the instructor.

Health (HE)

Contact the Department of Health, Kinesiology and Recreation Management for further information.

(760) 744-1150, ext. 2462

Office: O-10

COURSE OFFERINGS**HE 100 Health Education and Fitness Dynamics (3)**

3 hours lecture

Transfer acceptability: CSU; UC

Individual well being will be developed through the study of the emotional, spiritual, intellectual, social, and physical qualities of health.

HE 100L Health Performance Lab (1,1.5,2)

3, 4.5, or 6 hours laboratory

Transfer acceptability: CSU; UC

Fitness lab course designed to develop and encourage positive attitudes and habits with regards to health education and fitness dynamics. Lab participation will primarily utilize exercise equipment as it relates to cardiovascular efficiency, body composition, muscular strength and endurance and flexibility. An individual fitness profile will be established, including pre-post testing, to determine each student's fitness accomplishments.

HE 104 Emergency Medical Responder (3)

3 hours lecture

Note: Cross listed as EME 100

Transfer acceptability: CSU; UC

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Covers national curriculum for Emergency Medical Responder (EMR) training. Includes the study and application of emergency medical skills and procedures, basic anatomy and physiology, terminology, and prevention of disease transmission. CPR certification from the American Heart Association.

HE 165 Fundamentals of Nutrition (3)

3 hours lecture

Note: Cross listed as NUTR 165

Transfer acceptability: CSU; UC – NUTR 165, NUTR 185, BIOL 185, HE 165

combined: maximum credit, one course

The study of how food nourishes the body. Investigation of diet fads and fallacies. Eating for fitness, and planning meals for optimum health throughout the life cycle.

HE 197 Current Topics in Health (1, 2, 3)

1, 2, or 3 hours lecture

Transfer acceptability: CSU

Current issues in health education meeting student and community educational needs dealing with the social, mental, and physical aspects of personal health. Course title will designate subject covered.