Web Design

Introduction Google Analytics

n this six week course, you'll learn to use Google Analytics to make the most of your online traffic. You'll see how you can track not just the traffic to all of your online content, but also determine which content is the most appealing, where your visitors came from, what devices they used, how long they stayed, which links they clicked, and where they went when they left.

Adobe Dreamweaver CS6

Adobe Dreamweaver is an application used for designing web pages. In the Introductory course, ECOAP 0286, you will learn how to use Dreamweaver's intuitive tool set to structure text, and investigate the myriad formatting options CSS provides. Along the way, you will work with images, build navigation elements, discuss effective layout methods, learn where and when to use tables, and examine successful site planning strategies. The Intermediate course, ECOAP 0271, will expand on the tools and techniques covered in the introductory course, and introduce you to advanced techniques that will enable you to harness the power of this industry-standard Web design tool.

Adobe Photoshop CC – Level 1

Adobe® Photoshop® CC Level 1, WCOAP 6042, focuses on some of the basic features of Photoshop so that the student can navigate the environment and use Photoshop tools to work with photographic images. In addition, the orientation to Adobe® Bridge and organization of files in Bridge is covered. Although Photoshop is used by a variety of professionals, from photographers to designers to videographers, Photoshop Level 1 will focus mainly on the photography component. The illustration and animation techniques are covered in subsequent levels of Photoshop.

Adobe Photoshop CC – Level 2

Adobe® Photoshop® CC Level 2, WCOAP 6043, is a leading graphic creation application, popular among graphic designers, illustrators, and photographers. Photoshop's numerous features work together to provide a comprehensive tool-set for you, the design professional. This course delves into some of the more advanced image creation and editing techniques, and offers you hands-on activities that demonstrate how these techniques can be used in combination to create exciting visual effects. This course covers the Visual Communication Using Adobe Photoshop CC objectives to help students prepare for the Adobe Certified Associate (ACA) exam.
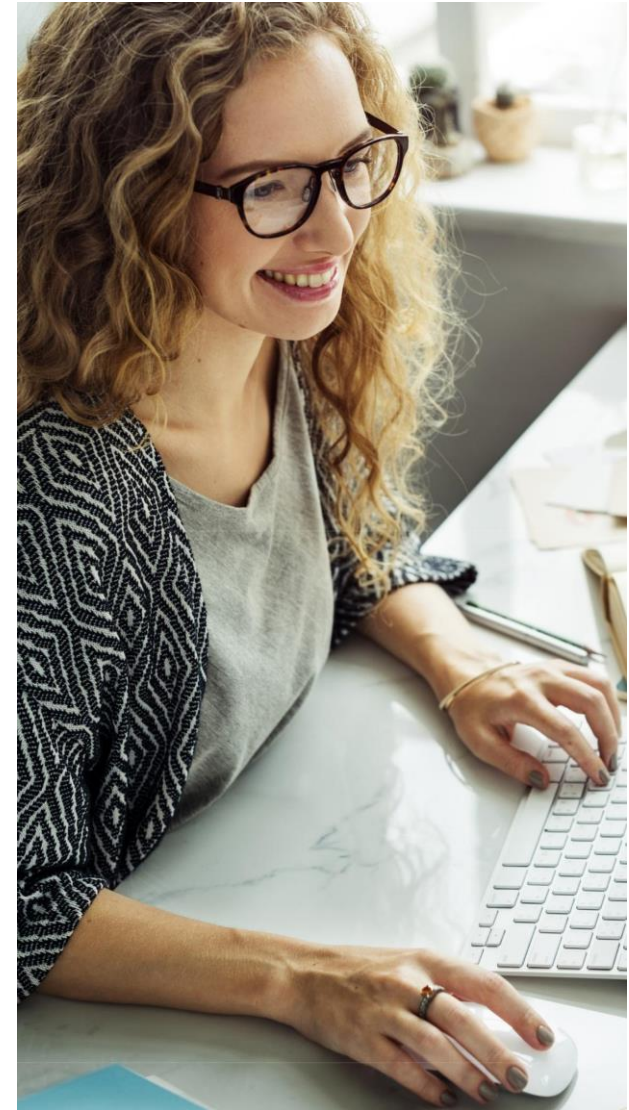
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County Community College

Web Design

HTML Fundamentals

In this course, WCOSY 6048, you will learn step by step how to create dynamic websites with HTML. The course covers new HTML5 features, including video, audio, and canvas elements. Learn how to structure a page, place images, format text, create links, add color, work with multimedia, and use forms. You will also go beyond the basics and find out how to work with Cascading Style Sheets (CSS), create dynamic web content with JavaScript, upload your site to the web, and code HTML emails. By the end of the course you'll be able to build custom websites using the latest HTML techniques.

Front-End Web Development

In this course, WCOSY 6101, you will learn the front-end web trifecta: HTML, CSS, and JavaScript and how they apply to modern front-end web design and development. Topics will include developing web front-ends based on design mockups, designing for mobile devices using responsive design, architecting front-end web development solutions, working with web APIs, and optimization techniques. Prerequisite: students should have the following knowledge prior to enrolling in the class: Some understanding of front-end web components: HTML, CSS, and JavaScript

Responsive Web Design

Today's world of Web design requires building sites that are intuitive, inviting, accessible, and attractive in every possible device and environment. In this course, ECOSY 0017, you will learn to design and build fully responsive websites optimized for smartphones, tablets, and laptop/desktop viewing environments.

JavaScript Fundamentals

In this course, WCOAP 6621, you will create dynamic web pages complete with special effects using today's leading Web development language JavaScript. The course gives you step-by-step coverage of the fundamentals, including variables, functions, operators, event handlers, objects, arrays, strings, forms, and frames. You will learn about more advanced techniques, including debugging and security. You will learn how JavaScript works with XHTML Transitional and covers the new features available in JavaScript. You will learn the key skills and concepts of JavaScript and practice using a hands-on approach through step-by-step directions. You will be challenged to complete projects.

jQuery Fundamentals

In this course, WCOSY 1616, you will learn to build a foundation for programming with the library. Often, jQuery becomes the entryway to programming for web designers or developers who have learned HTML and/or CSS and want to begin creating a more dynamic experience for their users. This course is designed to teach students at any level, so that even those without previous programming experience can learn to use the jQuery library, and move on to learning the JavaScript language. Prerequisite: HTML/JavaScript courses.

Introduction to PHP & MYSQL

Learn how to create an interactive Web site, allowing visitors to post and retrieve information provided by you or your site's visitors. In this course, ECOSY 0040, you will see how to create dynamic Web pages using the PHP programming language and the MySQL database server.

Introduction to Python 3.0 Programming

This course, ECOSY 0048, will show you how to create basic programming structures including decisions and loops. Then you'll move on to more advanced topics such as object-oriented programming with classes and exceptions. In addition, you'll explore unique Python data structures such as tuples and dictionaries. You will even learn how to create Python programs with graphic elements that range from simple circles and squares to graphical user interface (GUI) objects like buttons and labels.

Intro to Creating WordPress Web Sites

In this course, ECOAP 0291, you will learn how to create attractive, sophisticated blogs and websites—without any coding! WordPress is the world's most popular website publisher, powering more than 25% of all sites on the Internet. WordPress is an easy-to-use solution that will help you put your site on the Web in far less time than by coding, and at a much lower cost than hiring a professional.

Achieving Top Search Engine Positions

In this course, ECOSY 0001, you will learn how to create an interactive Web site, allowing visitors to post and retrieve information provided by you or your site's visitors. In this six-week online course, you'll see how to create dynamic Web pages using the PHP programming language and the MySQL database server.

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