

CONTINUING EDUCATION CURRICULUM

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**\*Communications (COMM)**

<p><b>641 Web Programming Beginning</b></p> <p style="text-align: right;"><b>Hours: 160</b></p> <p><b>Advisories:</b> Completion of Interactive Multi-Media Program or equivalent.</p> <p>This course includes an overview of the internet, components of a website and introduces web programming using HTML. Topics include, current web technologies, website development tools, basic web programming skills and hand coding of a website. Students will learn to publish projects and sites to the web and utilize cascading style sheets for web page layout and formatting. Current industry standards, processes and techniques are also taught. (FT)</p>	<p><b>Action(s) Proposed:</b> Course Deactivation <i>Approved</i></p> <p><b>Effective:</b> Fall 2022</p>
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<p><b>642 User Interface Design</b></p> <p style="text-align: right;"><b>Hours: 80</b></p> <p><b>Advisories:</b> Completion of Interactive Multi-Media Program or equivalent.</p> <p>This course introduces pre-planning tools and strategies of preliminary web development utilizing user interface design. Students will learn how to create wireframes, site maps, storyboards and the difference between user interface and user experience. Topics include usability, content strategy and incorporating user experience into a website. Learning how to define the needs and goals of a target audience and determining the range of required features and functionality of a website are covered. (FT)</p>	<p><b>Action(s) Proposed:</b> Course Deactivation <i>Approved</i></p> <p><b>Effective:</b> Fall 2022</p>
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<p><b>643 Design Principles</b></p> <p style="text-align: right;"><b>Hours: 120</b></p> <p><b>Advisories:</b> Completion of Interactive Multi-Media Program or equivalent.</p> <p>This course focuses on techniques and design principles that are specific to web design. Students will learn design fundamentals as they pertain to producing an interactive end product including optimized graphics and content, static web comps, usability, scalable vector graphics, responsive design, accessibility, and originality. This course will help students to create professional, aesthetically pleasing websites with the end goal of usability in mind. (FT)</p>	<p><b>Action(s) Proposed:</b> Course Deactivation <i>Approved</i></p> <p><b>Effective:</b> Fall 2022</p>
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Actions Approved – December 9, 2021**

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<p><b>644 Web Programming Intermediate</b></p> <p align="right"><b>Hours: 140</b></p> <p><b>Advisories:</b> Completion of Front End Web Developer I Program or equivalent.</p> <p>This course incorporates Java Script and jQuery into the web development process. Students will learn how these programs can enhance a webpage, allowing additional interactivity and more precise control of page elements. More advanced techniques used in creating a website and making the content more dynamic will be taught. Several other program languages will be introduced that can further enhance webbased projects. (FT)</p>	<p><b>Action(s) Proposed:</b> Course Deactivation <i>Approved</i></p> <p><b>Effective:</b> Fall 2022</p>
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<p><b>645 Content Management Systems</b></p> <p align="right"><b>Hours: 90</b></p> <p><b>Advisories:</b> Completion of Front End Web Developer I Program or equivalent.</p> <p>This course defines content management systems (CMS) and explains their role in web site development. Students will learn how to create web pages and posts, alter the look and feel of a site through themes and widgets, utilize plugins to enhance site functionality and add security to a CMS based site. Other topics include building a custom theme from scratch, incorporating jQuery and cascading style sheets to fully control the functionality of the site and how to install and set-up a CMS on a local environment. (FT)</p>	<p><b>Action(s) Proposed:</b> Course Deactivation <i>Approved</i></p> <p><b>Effective:</b> Fall 2022</p>
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<p><b>670 Web Development Fundamentals</b></p> <p align="right"><b>Hours: 48</b> <b>Advisories: NONE</b></p> <p>This course introduces students to web development concepts and techniques. The purpose of this course is to provide a general overview of how the web works and to ensure that students have a foundational understanding of how various web-related technologies work together and what skills are needed to begin building websites. Topics covered include an overview of the internet, file management in relation to web development, components of a website, basic introduction to Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), and image editing for the web. (FT)</p>	<p><b>Action(s) Proposed:</b> New Course <i>(Includes Distance Education)</i> <i>Approved</i></p> <p><b>Effective:</b> Fall 2022</p>
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<p><b>671 Soft Skills in Web Development</b></p> <p align="right"><b>Hours: 38</b> <b>Advisories: NONE</b></p> <p>This course introduces students to necessary soft skills required in the web development industry. These are intangible but extremely important for almost every position in the field. Soft skills include good communication, honesty, teamwork, punctuality, integrity, accountability and organization. Increasingly, employers have found that many employees are lacking in these areas. (FT)</p>	<p><b>Action(s) Proposed:</b> New Course <i>(Includes Distance Education)</i> <b>Approved</b></p> <p><b>Effective:</b> Fall 2022</p>
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<p><b>672 Web Programming: HTML and CSS</b></p> <p align="right"><b>Hours: 180</b> <b>Advisories: COMM 670 Introduction to Web Development; and COMM 671 Soft Skills in Web Development</b></p> <p>This course includes an overview of the internet, components of a website and introduces web programming using the Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). Topics include, current web technologies, website development tools, web programming skills and hand coding of a website. Students will learn to publish projects and sites to the web and utilize CSS for web page layout and formatting. Current industry standards, processes and techniques are also taught. (FT)</p>	<p><b>Action(s) Proposed:</b> New Course <i>(Includes Distance Education)</i></p> <p><b>Effective:</b> Fall 2022</p>
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<p><b>673 User Interface Design</b></p> <p align="right"><b>Hours: 60</b> <b>Advisories: COMM 672 Web Programming: HTML and CSS</b></p> <p>This course serves as an introduction to the science behind User Experience (UX) design, illustrating the breadth of the field that extends well beyond the web and demonstrating the strict research methodologies that support it. Topics will focus on user- and task-analysis (needs analysis, establishing goals, content audits), field research methods (observation, interviewing, testing, documentation of personas), usability testing and the UX process (task models, user journeys, content requirements, card sorts, creating site maps), and more. (FT)</p>	<p><b>Action(s) Proposed:</b> New Course <i>(Includes Distance Education)</i> <b>Approved</b></p> <p><b>Effective:</b> Fall 2022</p>
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<p><b>674 Modern Web Development Tools</b></p> <p style="text-align: right;"><b>Hours: 60</b></p> <p style="text-align: center;"><b>Advisories: COMM 672 Web Programming: HTML and CSS; and COMM 673 User Experience Design</b></p> <p>This course will teach students how to leverage the power of a variety of applications in order to create various web design/development deliverables. This course will show how students can save time and resources by creating deliverables that will aid in ensuring the end product is in line with all stakeholder’s vision. Topics include creating mood boards, wireframes, interactive prototypes, web comps and style guides. In addition, students will learn what web friendly image types are and how to create and optimize files in this format. (FT)</p>	<p><b>Action(s) Proposed:</b> New Course <i>(Includes Distance Education)</i> <b>Approved</b></p> <p><b>Effective:</b> Fall 2022</p>
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<p><b>675 Web Development Special Topics</b></p> <p style="text-align: right;"><b>Hours: 60</b></p> <p style="text-align: center;"><b>Advisories: COMM 672 Web Programming: HTML and CSS; and COMM 673 User Experience Design; and COMM 674 Modern Web Development Tools</b></p> <p>This course introduces important ancillary topics that are critical in the web development field. Students learn about promotion of a website through search engine optimization (SEO) to increase a website’s visibility. Basic optimization strategies, such as conducting keyword research, building inbound links, and optimizing pages and content are included. Students will also learn about accessibility strategies, how to maintain site health, and how to build and maintain a portfolio for success beyond the classroom. (FT)</p>	<p><b>Action(s) Proposed:</b> New Course <i>(Includes Distance Education)</i> <b>Approved</b></p> <p><b>Effective:</b> Fall 2022</p>
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Actions Approved – December 09, 2021**

***PROGRAM CHANGES***

**\*Digital Media**

Program Revision: Effective Fall 2022

**Front End Web Developer I Certificate of Completion**

**\*Digital Media**

Program Revision: Effective Fall 2022

**Front End Web Developer II Certificate of Completion**

**High School Diploma, High School Equivalency and Basic Skills**

Program Revision: Effective Spring 2022

**Introduction to Career and College Readiness Certificate of Completion**