Curriculum Instructional Council
Actions Approved – May 8, 2014 Addendum

CONTINUING EDUCATION CURRICULUM

See proposal Impact (PI) reports to view list of courses and/or programs that may be impacted by the following proposed actions.

Communications

*641 Web Programming Beginning **REQUISTES:** *Advisory*: Completion of Interactive Multi-Media Program or equivalent. 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)	**Offered At:** None **Action(s) Proposed:** New Course *Approved* **Originating Campus:** Continuing Education **Effective:** Fall 2014

Communications

*642 User Interface Design **REQUISTES:** *Advisory*: Completion of Interactive Multi-Media Program or equivalent. 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)	**Offered At:** None **Action(s) Proposed:** New Course *Approved* **Originating Campus:** Continuing Education **Effective:** Fall 2014

Communications

*643 Design Principles **REQUISTES:** *Advisory*: Completion of Interactive Multi-Media Program or equivalent. 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)	**Offered At:** None **Action(s) Proposed:** New Course *Approved* **Originating Campus:** Continuing Education **Effective:** Fall 2014

Communications

*644 Web Programming Intermediate **REQUISTES:** *Advisory*: Completion of Front End Web Developer I Program or equivalent. 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 web-based projects. (FT)	**Offered At:** None **Action(s) Proposed:** New Course *Approved* **Originating Campus:** Continuing Education **Effective:** Fall 2014

Communications

*645 Content Management Systems **REQUISTES:** *Advisory*: Completion of Front End Web Developer I Program or equivalent. 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)	**Offered At:** None **Action(s) Proposed:** New Course *Approved* **Originating Campus:** Continuing Education **Effective:** Fall 2014

Communications

*646 Responsive Web Design **REQUISTES:** *Advisory*: Completion of Front End Web Developer I Program or equivalent. This course introduces the student to responsive web design for websites that automatically adapt their layout to various screen sizes, orientations, resolutions and work on multiple devices. Topics include planning, building, testing and creating navigation that is specific for a responsive website. Students will learn how to create a single website and customize the display for desktop and mobile devices. Students will incorporate a variety of media into a website for optimized delivery and use on various devices. (FT)	**Offered At:** None **Action(s) Proposed:** New Course *Approved* **Originating Campus:** Continuing Education **Effective:** Fall 2014

Communications

*647 Website Promotion	Offered At: None
REQUISTES: *Advisory*: Completion of Front End Web Developer Program I, or equivalent. This course introduces 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 your pages and content are included. Students will learn how to read a search engine results page, find its ranking and see how rankings can affect a business. Learn website promotion through social media and how to leverage social media tools to grow a brand and drive site traffic. (FT)	**Action(s) Proposed:** New Course *Approved* **Originating Campus:** Continuing Education **Effective:** Fall 2014

PROGRAM CHANGES

*Computers and Information Technology
New Program - *Approved*
Communications- Continuing Education: Fall 2014
Certificate of Completion Front End Web Developer I

* Computers and Information Technology
New Program - *Approved*
Communications- Continuing Education: Fall 2014
Certificate of Completion Front End Web Developer II