COURSE DESCRIPTIONS BY COURSE DISCIPLINE PREFIX

WEB WEB TECHNOLOGIES

WEB-115 Web Markup and Scripting 3 (2-3) Summer
Prerequisites: None
Corequisites: None
This course introduces Worldwide Web Consortium (W3C) Internet programming using JavaScript. Topics include basic syntax, object-oriented programming, functions, variables, events, arrays, validation, accessibility, and web standards. Upon completion, students should be able to write, debug, maintain well-formed and well documented interactive web content using JavaScript code.(2022 SP)

WEB-140 Web Development Tools 3 (2-3) Fall
Prerequisites: None
Corequisites: None
This course provides an introduction to web development tools.Topics include creating websites using web development tools and web standards. Upon completion, students should be able to create small web sites and upload files to a web server.(2020 FA)

WEB-151 Mobile Application Dev I 3 (2-3) Summer
Prerequisites: None
Corequisites: None
This course introduces students to programming technologies, design, and development related to mobile applications. Topics include accessing device capabilities, compliance with industry standards, and programming for mobile applications. Upon completion, students should be able to develop basic applications for mobile devices.(2022 FA)

WEB-182 PHP Programming 3 (2-3) AND
Prerequisites: None
Corequisites: None
This course introduces students to the server-side, HTML-embedded scripting language PHP. Emphasis is placed on programming techniques required to create dynamic web pages using PHP scripting language features. Upon completion, students should be able to design, code, test, debug, and create a dynamic web site using the PHP scripting language.(2022 FA)

WEB-210 Web Design 3 (2-3) Fall
Prerequisites: None
Corequisites: None
This course introduces intermediate to advanced web design techniques. Topics include customer expectations, advanced markup language, multimedia technologies, usability and accessibility practices, and techniques for the evaluation of web design. Upon completion, students should be able to employ advanced design techniques to create high impact and highly functional web sites. (2023 SP)

WEB-214 Social Media 3 (2-3) Spring
Prerequisites: None
Corequisites: None
This course introduces students to social media for organizations. Topics include social media, marketing strategy, brand presence, blogging, social media analytics and technical writing. Upon completion, students should be able to utilize popular social media platforms as part of a marketing strategy, and work with social media analytics tools.(2022 FA)

WEB-225 Content Management Sys 3 (2-3) Spring
Prerequisites: None
Corequisites: None
This course introduces students to Content Management Systems (CMS) designed for the publication of Web content to Web sites. Topics include individual user accounts, administration menus, RSS-feeds, customizable layout, flexible account privileges, logging, blogging systems, creating online forums, and modules. Upon completion, students should be able to register and maintain individual user accounts and create a business website and/or an interactive community website. (2023 SP)