CIS: WEB MANAGEMENT AND MOBILE APPS DEVELOPER - DEGREE

Associate of Applied Science Degree Program | mhcc.edu/CIS

Faculty Advisers

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The Web Management and Mobile Apps degree builds on the core CIS degree program to provide training in intermediate web page creation, website management, entrepreneurship and client communications using current and proven techniques and taking advantage of current web page software and technology. Students in this program will be exposed to current web creation software, will create interactive websites using various scripting techniques, and produce dynamic sites using server-side programming and database products.

Additionally, using software, curriculum, and textbooks provided by Apple, Corp., training as an Apple iOS Mobile Apps developer can propel students into the explosive mobile applications development industry.

By using a blend of creative and programmatic techniques, students successfully completing this program should have access to web creation careers as diverse as independent through intermediate web programmer positions.

Program Outcomes

At the completion of this program, students should be able to:

- Design and develop basic Apple-based iOS Mobile Applications suitable for a small business or personal deployment
- Compare and contrast different designs to enhance User Experience (UX) and User Interface (UI) for a variety of mobile and web site solutions
- Analyze a client’s website needs and propose appropriate solutions
- Design and defend a website concept
- Create from scratch a typical small website specific to a particular need
- Design and implement basic scripting code to add interactive functionality to a web page
- Design and implement a form to collect data and transmit it to a server or email
- Analyze an existing web site and make recommendations for possible improvement
- Create various imagery and graphical effects using current image manipulation software to enhance the presentation of a web page
- Understand advances in web technology especially in social networking and how businesses can take advantage of new mobile business techniques
- Design websites to accommodate the requirements and limitations of changing computing platforms
- Design websites to take advantage of basic search engine optimization techniques

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1 Course not already in curriculum with prefix CIS, CS, or ISTM.

Students intending to transfer should take MTH111 Pre-Calculus I: Elementary Functions ★ or above, excluding MTH211 Fundamentals of Elementary Mathematics I, and consult with the institution they will be attending as well as work with a CIS faculty adviser.

★ Course offered online
 очередь

Cultural Literacy course