NEW ELECTIVE PROFESSIONAL COURSE FOR “COMPUTER PROGRAMMING & INFORMATION TECHNOLOGY” AND “INTERNET CLIENT-SERVER APPLICATION DEVELOPMENT” PROGRAMS

Beginning June 17, 2014 (Summer 2014 Semester) the following new ELECTIVE PROFESSIONAL COURSE will be introduced in the “Computer Programming & Information Technology” and “Internet Client-Server Application Development” programs:

CIT215  3 CREDITS

CLIENT-SIDE WEB PROGRAMMING

This course introduces students to the concepts and technologies for front-end web development using HTML, CSS, JavaScript and the jQuery library. The main focus is on creating interactive web pages with rich animation and effects. Various techniques to increase web development productivity including plugins and jQuery UI library will be introduced as well. Students will learn how to use AJAX with three common data formats, such as HTML, XML and JSON, to provide functionality for real-time updates. The course will also introduce students to concepts of using API for popular web sites, such as YouTube, Twitter and Google Maps.

Prerequisites: CIT100 - Programming Languages Concepts,
              CIT115 - Web Design