| Course Title | **WEB PROGRAMMING** |
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| Course Code | **CSC 320** |
| Course Purpose and Objectives | The purpose of this course is to provide students advanced knowledge on the planning, designing and building stages of interactive, data-driven and professional quality websites with the potent combination of the latest internet technologies and web standards. The students receive hands-on experience in dynamic web programming with the help of today's core technologies: HTML, CSS, jQuery, JavaScript, PHP and MySQL. |
| Learning Outcomes | 1. Implement powerful features using HTML's latest specifications, including geolocation, audio, video and the canvas. <br> 2. Develop CSS skills for professionally styling web pages. <br> 3. Use Ajax calls for background browser-server communication. <br> 4. Use JavaScript language enhanced by using the jQuery & jQuery mobile libraries. <br> 5. Manage cookies, sessions and maintain a high level of security. <br> 6. Create dynamic PHP web pages. <br> 7. Use the MySQLi Extension, PHP's improved MySQL interface. <br> 8. Reformat websites into mobile web apps. <br> 9. Build a fully functional web site suitable for both desktop and mobile browsers, using any other popular development stack. |
| Course Content | • Internet and WWW <br> • HTML <br> • JavaScript <br> • PHP and MySQL <br> • Advanced PHP and MySQL <br> • Laboratory Work |