

BACHELOR OF SCIENCE IN COMPUTER SCIENCE 2018

APC1: Web Development 1 (PHP/MYSQL) - Typically it refers to the coding and programming side of web site production as opposed to the web design side. ... Common web development programming languages and software include Hypertext Mark up Language (HTML), Cascading Style Sheets (CSS), JavaScript, PHP, Drupal and MySQL. PHP is a fast and feature-rich open source scripting language used to develop Web Applications or Internet / Intranet Applications. MySQL is a powerful open source database server built based on a relational database management system (RDBMS) and is capable of handling a large concurrent database connection. When combined together, talented PHP and MySQL developers can build very powerful and scalable Web / Internet / Intranet Applications. PHP and MySQL are referred to as development tools. PHP and MySQL are Open Source, meaning that they are free development tools, and there is a large community of dedicated volunteer programmers who contribute to make improvements and are continuously adding features to it. The development tools and database servers that require licensing costs have limited programming resources compared to open source development tools, which have an enormous and fast growing dedicated and knowledgeable community that extends around the world. There has been disagreement about which tool is better. Naturally, the developer who is more familiar with one tool over the other will stand behind the tool that he or she has experience with. With our experience, we have found that, PHP and MySQL are the best development tools. When developed correctly, applications can be built with clean and simple usability, complex functionality, speed, power and scalability.