

AMP101 – LAMP (Linux, Apache, MySQL, PHP)

Duration: 4 days

Course Goals:

LAMP (Linux, Apache, MySQL and PHP) is one of the most popular open source web development platforms. Linux is the operating system, Apache is the webserver, MySQL serves as the database and the application logic is implemented in PHP. With this potent combination, students will learn the minimal necessary tools/skills to build web applications that are needed for today's interactive, database driven websites.

Delivery

Students will be led by an instructor to complete a series of lab exercises that are designed to create a mock web application at the end of the course. The lab exercises also serve to test and reinforce the ideas learned at the end of each half day session.

Target Audience

Webmasters, Web Developers or anyone who wants to develop simple yet useful web applications using readily available open source technologies that require no licensing fees.

Prerequisites:

Basic programming experience in procedural languages like C or Perl.

Course Content:

- ❖ Installation of all the servers and tools needed for LAMP Web Development
- ❖ Write simple PHP scripts using functions, decision and looping constructs.
- ❖ Querying MySQL database from PHP script
- ❖ Various authentication methods used for access restriction
- ❖ Book-keeping methods for shopping cart applications