



## LINUX WEB DEVELOPMENT ESSENTIALS Course

Linux Web Development Essentials is a course that teaches the basics of web development using Linux-based tools and technologies. The course covers a range of topics, including HTML, CSS, JavaScript, PHP, and MySQL, as well as the Linux command line interface and the Apache web server.

### Course Overview

The course is designed for beginners who are interested in web development and want to learn how to build dynamic, interactive web applications using Linux. It provides hands-on practice with Linux-based tools and technologies, and covers key concepts such as web architecture, front-end development, back-end development, and database integration.

### Course outline

- Introduction to Linux and the Command Line Interface

This topic covers the basics of using Linux, including navigating the file system, creating and editing files, and working with the command line interface.

- HTML and CSS

This topic covers the fundamentals of HTML and CSS, including page structure, text formatting, styling, and layout.

- JavaScript

This topic covers the basics of JavaScript, including syntax, variables, functions, events, and DOM manipulation.

- PHP

This topic covers the basics of PHP, including syntax, variables, functions, and control structures.

- MySQL

This topic covers the basics of MySQL, including database design, table creation, data insertion, and querying.

- Apache Web Server

This topic covers the basics of the Apache web server, including installation, configuration, and management.

- Web Development Tools

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.This topic covers a range of web development tools, including text editors, version control systems, and debugging tools

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