

Full Stack Web Development Course Syllabus

Week 1–4: HTML, CSS, and JavaScript Basics

- HTML Basics
- HTML Forms and Inputs
- Links, Images, and Media
- CSS Basics and Selectors
- CSS Box Model
- Layout Techniques
- Responsive Web Design
- Advanced CSS Techniques
- Introduction to JavaScript
- Functions and Objects
- DOM Manipulation
- Event Handling

Week 5–8: JavaScript (Advanced), Introduction to MySQL and PHP

- Asynchronous JavaScript
- Error Handling and Debugging
- JavaScript ES6+ Features
- Database Basics
- SQL Queries
- Joins and Relationships
- PHP Basics
- Working with Forms and Databases in PHP

- PHP Sessions and Cookies
- PHP OOP (Object-Oriented Programming)
- File Handling in PHP
- Error Handling in PHP

Week 9–12: MERN Stack, Advanced Topics, and Projects

- Introduction to Node.js
- MongoDB Basics
- Introduction to React
- React Hooks and State Management
- Routing in React
- Connecting MERN Stack (Frontend + Backend)
- Project Setup and Planning
- Backend Development for Project
- Frontend Development for Project
- Project Setup and Planning
- Building and Integrating Backend and Frontend
- Final Testing, Debugging, and Deployment