

WEBINA COURSE MODULES FOR FULL STACK WEB DEV

Topics & Learning Objectives

Week	Module / Topic	Learning Objectives	Exercises / Assignments	Exam / Quiz	Max Points
1	HTML Basics	Structure of a webpage, Tags, Lists, Tables, Forms	Create a personal webpage with header, footer, lists, and table	Quiz 1	10
2	HTML Advanced	Forms validation, Semantic tags, Media (images, audio, video)	Build a registration form with validation	Quiz 2	10
3	CSS Basics	Selectors, Colors, Fonts, Box Model, Flexbox	Style the HTML page from previous assignment	Quiz 3	10
4	CSS Advanced	Grid, Animations, Transitions, Responsive Design	Build a responsive landing page	Quiz 4	10
5	JavaScript Basics	Variables, Data types, Operators, Loops	Create a simple calculator using JS	Quiz 5	10
6	JavaScript Functions & DOM	Functions, Events, DOM Manipulation	Build a to-do list app	Quiz 6	10
7	JS Advanced	ES6 features, AJAX, Fetch API	Fetch data from a public API and display	Quiz 7	10
8	Next.js Basics	Pages, Components, Routing	Create a multi-page Next.js website	Quiz 8	10
9	Next.js Advanced	API Routes, SSR, SSG	Build a blog app with dynamic routes	Quiz 9	10
10	Laravel Basics	Installation, MVC, Routing, Controllers	Build a small CRUD app	Quiz 10	10

11	Laravel Advanced	Eloquent ORM, Authentication, Blade templates	Build a user authentication system	Quiz 11	10
12	AI Tools Introduction	ChatGPT, DALL-E, Code assistants, Prompt engineering	Use AI tools to generate content & code snippets	Quiz 12	10
13	AI Tools Advanced	Integration of AI in projects, Automation, Workflows	Build AI-assisted project features	Quiz 13	10
14	Final Project Planning	Design, Wireframes, Architecture	Draft project proposal	Instructor Review	5
15-16	Final Project Development	Full-stack project using learned skills	Complete the final project	Final Project Presentation	25

Point System & Accreditation

Component	Max Points	Weight (%)
Weekly Quizzes (13 quizzes)	130	40%
Exercises & Assignments	50	20%
Final Project	25	30%
Participation & Attendance	10	10%
Total	215	100%

Grading Scale:

Points	Grade	Accreditation
195–215	A	Accredited
170–194	B	Accredited
140–169	C	Conditional Accreditation
<140	F	Not Accredited