

Web Development 101

13-15+ Years old



COURSE DESCRIPTION

Students are introduced to the basics of web development. They will learn how to create websites using HTML, CSS, and JavaScript, and explore web design principles to build user-friendly and visually appealing websites.



TOPIC COVERS

Web Technologies	HTML Basics	CSS Basics	JavaScript for Interactivity	Responsive web Design
SEO Fundamentals	Developer Tools	Development Workflow	Web Design	End of Course Project

COURSE RUBRIC

Quizzes: 10%
Attendance: 10%
Homework: 10%
Class Participation: 20%
End of Course Project: 50%



TEACHING/LEARNING APPROACH

- **Step-by-Step Tutorials:** Students are guided through structured lessons to build foundational web development skills using HTML, CSS, and JavaScript.
- **Project-Based Assignments:** Learners apply their skills to build functional websites, reinforcing understanding through real-world tasks.
- **Creative Design Challenges:** Activities encourage aesthetic thinking and user-focused design, allowing students to personalize their web projects.
- **Peer Collaboration:** Students work in teams to plan, develop, and review websites, promoting communication and shared learning.

PARENTAL SUPPORT

Parents play a key role by encouraging regular attendance, showing interest in their child's projects, and supporting practice at home. Active involvement reinforces learning and keeps students motivated.

STUDENT COMMITMENT

This weekend course requires consistent attendance, focus during sessions, and a willingness to explore and complete projects. A positive attitude and steady participation help students gain the most from the program.

Important Note: To receive a Certificate of Completion, students must attend at least 60% of the total class sessions (8 sessions out of 12).

Rev. 2.0 / 02 May 2025