

RCCG THE WISDOM SEED WEB DEVELOPMENT TRAINING

TRAINING SYLLABUS 2021

Course Name: Web Development

Course Duration: 3 Months

Course Meeting Times: Saturdays , 9AM - 12PM

Fees: Free

Instructor: Victoria Kazeem

Objective

The Web Development course is intended for students with little or no web development experience. It aims to provide students with basic understanding of HTML, CSS, and JavaScript. Regardless of their major, feel justifiably confident of their ability to write simple websites for individuals and organizations.

Goals

1. Provide an understanding of how to build and deploy websites.
2. Help students, including those who do not have prior knowledge of web development have confidence in their ability to write user friendly websites.
3. Provide an understanding on the fundamentals of HTML, CSS and JavaScript and the applications.

Lecture Attendance

A significant portion of the material for this course will be presented only during the lecture, so students are expected to regularly attend lectures.

Syllabus

WEEK 1 (15/05/21)		
Installation of code editor	Intro to HTML Fundamentals	HTML Images/ Tables/ Forms
WEEK 2 (22/05/21)		
Intro to CSS Fundamentals	Responsive Web Design	CSS Icons
WEEK 3 (29/05/21)		
Intro to JavaScript Fundamentals	HTML DOM	Google Maps/ Fonts/ Charts
WEEK 4 (05/06/21)		
JSON	Bootstrap Fundamentals	NPM
WEEK 5 (12/06/21)		
Intro to MERN Stack	Intro to MongoDB	MongoDB Atlas Setup
WEEK 6 (19/06/21)		
Intro to Express JS		
WEEK 7 (26/06/21)		
Database Models		Database Connection
WEEK 8 (03/07/21)		
Intro to React JS		Setting up CRA
WEEK 9 (10/07/21)		
Adding Bootstrap and Font Awesome to your React App		
WEEK 10 (17/07/21)		
CRUD Operations with MERN Stack		
WEEK 11 (24/07/21)		
Exam		

WEEK 12 (31/07/21)
Students' Project Presentation

Assignments, Projects and Exams

There will be an assignment at the end of each lecture.

There will be an exam

There will be one website project.

At the end of week 10, each student will choose a website project and will be presented on the 12th week.