

GBODO ICT TRAINING CENTER

Training Syllabus 2021

Course Name: Web Development

Course Duration: 3 Months

Session: Rain (January – March)

Course Meeting Times: Lectures: 2 Classes/week, 3 sessions/day, 1 hour/session

Fees: Free

Teachers

1. Nkwor Juliet,
2. Kazeem Victoria,
3. Ojo Jide

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 website for individuals and organizations.

Students who successfully complete this course may graduate with certificate in Web Development.

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 confident of their ability to write user friendly websites.
3. Provide an understanding on the fundamentals of HTML, CSS and JavaScript and the applications.

References

The reference for this course is W3Schools <https://www.w3schools.com/whatis/>

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.

Lectures

Week 1		
Web Development Roadmaps	HTTP / WWW	HTTP Requests & HTTP Responses
Week 2		
Intro to HTML Fundamentals	HTML Images/Tables/Forms	Build an HTML Project
Week 3		
Intro to CSS Fundamentals	Responsive Web Design	CSS Icons
Week 4		
Intro to JavaScript Fundamentals	ES5	HTML DOM
Week 5		

Google Maps/Fonts/Charts		Revision
Week 6		
XML Fundamentals	Ajax Fundamentals	Exam
Week 7		
JSON	Bootstrap Fundamentals	
Week 8		
CLI	NPM	Github
Week 9		
JQuery Fundamentals	Angular Fundamentals	
Week 10		
React Fundamentals	Vue.js Fundamentals	
Week 11		
Full Stack / Full Stack JS	SQL Fundamentals	SQL Demonstrations
Week 12		
Revision	Project Presentation	Exam

Assignments, Projects and Exams

There will be an assignment at the end of each lecture. There will be two exams. A mid-session exam and the final. There will be one website project. Each exam will comprise of objective questions and code completion test questions. At the end of week 6, each student will choose a website project and will be submitted on the day of the final exam.

Grading Policy

Grades will be roughly computed as follows:

Activities	Percentage
Assignments and Attendance	20%
Final Project	10%
Exam 1	20%
Exam 2	40%

NOTE: To be eligible for graduation and earn a certificate at the end of the session, the student may be required to have a minimum of 70% overall grade.