

HTML5 Game from scratch step by step learning JavaScript

Modality: On Demand

Duration: 2 Hours

About this Course:

With the advent of modern technology and as industries continue to rely more and more on it, the demand for developers is constantly increasing. A Front End Web Developer earns up to **\$88,680** per year.

This course aims to help those who wish to grasp the concepts of HTML 5 better and learn how to successfully build their own HTML 5. This course effectively demonstrates how to create a simple HTML 5 game from square one. The sample code given in the course can be reused multiple times and used for practice. In an ideal scenario, a blank document will be used to start, HTML will be added followed by Java Script to build the game. In this course, participants will be tasked with creating a Pac-Man style game with a mobile Pac man character which will be moving all over the screen. Much like the original game, two ghosts will also be built who will move towards the player or away from the player if the Pac man is moved upwards.

Course Objectives:

By the end of this course, the students should be have learnt the following skills and be able to;

- Gain a comprehensive understanding of the Core HTML5 training using canvas
- Learn the skills needed for setting a game board
- Acquire the skills required to add text and dynamic variables
- Gain a working knowledge of how determine keyboard actions and create movement via the use of event listeners
- Learn how to build a random enemy character and have it move around the screen
- Learn how to interact with game items for example a power up the pill
- Learn how to identify collision detection to determine multiple reactions to object interactions on the game board
- Gain the skills needed to tweak and fine tune game interactions for a better gaming experience.

Audience:

This course is targeted towards the following audience;

- Those who wish to begin a career in web development and web design
- Those web development and web design experts who aspire to upgrade their skills

Prerequisites:

These are the prerequisites which are an absolute requirement for attending this course.

- A fundamental knowledge of HTML basics

Suggested Prerequisite Courses:

The following prerequisite courses are suggested for attending this course;

- HTML beginner course

Course Outline:

- Section 1: How to build an HTML5 JavaScript Game from scratch