HEPHZILAND

ONLINE HANDS ON

TRANING

CATALOGUE

Hephziland Hands-on training is a subset of Hephziland that is geared towards practical teachings on some of the courses it offer below.

To find more about us visit https://hephziland.org

Certification: Hephziland certifies the individual at the end of the study.

NOTE: Only advance study is certified.

COURSES WE CERTIFY ARE:

1) WEBSITE DEVELOPMENT

2) PROGRAMMING JAVASCRIPT

3) DATABASE DESIGNING

4) PHP PROGRAMMING

5) PROGRAMMING NODE.JS

6) ARTIFICIAL INTELLIGENCE/MACHINE LEARNING

7) VIRTUALIZATION OF MACHINE

CSH01: WEBSITE DEVELOPMENT

Course Objective(s)

1) This course is geared towards making you a website developer.

2) This course also exposes you to monetization of your website.

COURSE DIVISION

1) BASIC
2) ADVANCED

BASIC

Price: $30

Duration: 12 hrs

Course Contents:

1) Installation of IDE.
2) Introduction to HTML.

3) Introduction to CSS.

4) Introduction to JavaScript.

5) Development of Hello World website.

ADVANCE

Price: $140.

Duration: 55hrs

Course Contents:

1) Installation of mysql

2) Installation of Apache

3) Installation of php

4) Installation of mariadb

5)Configuration of all

6) Installation of website template

7)Installation of plugins

8)Development of real-world website

9) Tweaking of CSS

10) Tweaking of JavaScript

11) Customization

12) Monetization of your site.

CSHO2: JAVASCRIPT PROGRAMMING

Course Objective(s)

This course is aimed at making you a real-word javascript developer.

COURSE DIVISION

1) BASIC
2) ADVANCE

BASIC

Price: $60.

Duration: 23hrs

Material: Free.

COURSE CONTENTS

1) Introduction to javascript statements
2) Introduction to javascript expression
3) Variables in Javascript
4) Javascript types
5) Functions
6) Closures
7) Objects
8) A simple project

ADVANCE

Pre-requisite: Must have a background/basic knowledge in javascript.

Price: $140

Duration: 55hrs

Material: free

Course Contents

1) Regex Expression
2) Prototypes
3) Form and Form validation
4) Canvas and 2d drawing
5) Animation
6) Website pop-ups
7) Installation of services for 3D drawing
8) Camera
9) Perspective and Views

10) Mesh

11) Angles

12) Scene

13) Textures

14) Real world project

CSH03: **DATABASE DESIGINING**

Course Objective(s)

This course is tailored towards equipping you with the needed knowledge on how to design and set up database using the latest engines for single and multi-user projects.

This course also exposes you on how to secure your database.

COURSE DIVISION

1) BASICS
2) ADVANCED

BASICS

Price: $40.

Duration: 12hrs.

Course material: Free

Course contents

I. Introduction to Database designing
II. Properties of a Database
III. Database Models
IV. Dissecting Relational Database
V. Exposure to sql.

ADVANCE

Price: $115.

Duration: 45hrs.

Pre-requisite: A working computer.

Course contents

1) Installation of Mariadb engine.
2) Configuration of Mariadb.
3) Creation of User
4) Creation of Database
5) Creation of Rows and Columns
6) Types in database
7) Performing Simple queries.
8) Performing advanced queries.
9) Securing Mariadb database.
10)   A real world project on Mariadb database.

CSH04: PROGRAMMING PHP

Course Objective

1) Teaches you latest php API and architecture.
2) Furnish you into becoming a stand out php programmer.

COURSE DIVISION

1) BASIC
2) ADVANCE

BASIC

Price(naira): $100

Duration: 40hrs

Material: Free

COURSE CONTENTS

1)Installation of PHP

2) Installation of apache

3) Configuration of all

4) Installation of IDE

5) Introduction to php

6) Variables

7) Output statements

8) Conditional statements

9) Early debugging

10) Creation of page templates with php

11) Passing information in php

12) Form management

13) Introduction to class, methods and objects.

14) A real world project.

ADVANCE

Price: $170

Duration: 70hrs

Material: Free

COURSE CONTENTS

1)Classes and Objects

2) Properties and Methods

3) Abstracts and statics

4)Constructor and Inheritance

5) Interfaces

6)Traits

7)Destructors

8) Error Handling

9)Namespaces

10)Includes and requires

11) Encapsulation

12)Polymorphism

13) Coupling and Decoupling

14) Managing Files

15) Regex Expression

16) Formatting text and dates

17) Real world project

CSHO5: PROGRAMMING NODEJS

Course Objectives

1) Exposes you to node powerful API and its dependent frameworks that make it an all-rounder.
2) Makes you a stand out nodejs programmer.

COURSE DIVISION
1) BASIC
2) ADVANCE

BASIC

Price: $85

Duration: 35hrs

Material: Free

COURSE CONTENTS

1) Installation of node.js
2) Installation of pm2
3) Installation of IDE
4) Introduction to node.js
5) Variables
6) Functions
7) Closure
8) Installation with npm
9) File-based module
10)   http module

10)Os module

11) Introduction to template engine

12) A simple real world project

ADVANCE

Price: $170

Duration: 70hrs

Material: Free

COURSE CONTENTS

1)Prototypes

2)Exports in node

3)Nginx Installation and configuration

4) Input and Output scaling challenges

5) Exposure to jade

6)Exposure to pug

7)Exposure to Handlebars

8) Advance installation with npm

9)Exposure to express

10)Exposure to session

11)Exposure to validator

12) Installation of mongodb engine

13) Configuration of mongodb engine

14) Exposure to mongo

15) Exposure to monk

16) Exposure to moment

17) Exposure to bodyparser

18)Exposure to cookieparser

19)Exposure to muler

20)A real world project

CSHO6: ARTTIFICIAL INTELLIGENCE/ MACHINE LEARNING

Pre-requisites: 1)B.sc/H.N.D holder or penultimate year in any of the following:

a) Computer Science/Software Engineering

b) Statistics

c) Imaging Science

d) Mathematics

2) Basic knowledge in this programming language:

a) Python

3) Must be a research oriented person.

   CONSIDERATIONS

a) If you passed all but no(2) you can e-mail to: info@hephziland.org. Stating the category you belong and your interests then we will get back to you.

b) If you passed all but no (1) you can e-mail to:info@hephziland.org. Stating the category you belong and your interests and we will get back to you.

c) If you passed all. Then e-mail to: info@hephziland.org. Stating you passed all and you are interested in pursuing this programme then we will get back to you.

CSH07: VIRTUALIZATION OF MACHINE

Course Objective

1) This course is aimed towards exposing you to the technology of virtualization that big companies use to make fortune and how to implement it.

Pre-requisite: i)B.sc/H.ND holder or penultimate year in Computer Science or Software Engineering.

ii) A Good knowledge about computer.

N/B(a): Any of the following is welcome and having both is most welcome.

REQUIREMENTS(MUST HAVE)

1) 64bit X-86 CPU(s), 1.5GH minimum.(Dual core)
2) Minimum of 2GB RAM.

3) Minimum of 100GB Hard disk space.

Price: $280

Duration: 110hrs

Material: Free

Course Contents

1)Introduction to Virtualization

2) Exposure to VM

3) Exposure to VMM

4) Exposure to domain

5) Exposure to dom0 and domU

6) Methods of Virtualization

7) Formatting of system and Installation of Fedora

8) Exposure to kernel-xen

9) Exposure to Xen

10) Exposure to bridge-utils

11) Exposure to libvirts

12) Exposure to yum

13)Exposure to mkdir

14)Exposure to mount

15) Exposure to Kernel

16) Compilation of Xen Kernel

17) Installation of Xen

18) Exposure to PAE

19) Exposure to debootstrap

20) Compilation of Ubuntu kernel

21)Installation of Ubuntu

22)Installation of NetBSD

23) Installation of Centos

24) Xen Domain Configurations

25) Xen commands

26)XenMan Installation

27) Bridged Networking

28) Routed Networking

29) Virtual Local Area Network (VLAN) with Network Address Translation (NAT)

30) File storage

31) Network File system Storage

32)Logical Volume manage Storage

33) Saving a virtual machine

34) Resaving a virtual Machine

35)Migration of virtual machine.

"---Seal the book; even to the end of time:
many shall run to and fro and knowledge shall
be increased"----Daniel 12: 4b