IIHT
Connecting Talent to Opportunity

THE TRAINING PROGRAMME OF ADVANCE DIPLOMA IN SOFTWARE DEVELOPMENT

Advance Diploma in Software Development (Level 4) (246 Credit Hours / 9 Months)

Skills Area of the Advance Diploma in Software Development *

1. Core java Developer
2. Java Developer
3. Core Java API Developer
4. Python Developer
5. Web Developer
6. Database Developer
7. C Developer
8. jQuery Developer

Overview of Training Programme *

Advance Diploma in Software Development (Level 4) (246 Credit Hours / 9 Months)

Entry Requirements:
- O / A Level (12 years of school education)
- Non –IT Graduates
- Senior School Graduate / School dropouts
- Anyone with at least Grade 9 Certificate
- To be able to read, write and understand English Language

Learning Outcomes of Advance Diploma in Software Development

- OPERATING SYSTEM
- OBJECT ORIENTED CONCEPT
- PROGRAM FUNDAMENTALS
- HTML
- CSS
- PHP
- BOOTSTRAP
- WORDPRESS
- MY SQL
- C-PROGRAMMING
- JAVA
- JAVA SCRIPT
- JQUERY
- PYTHON

Assessment Method

ASSESSMENT METHOD	MARKS
Practical:	60%
• Daily Quiz (oral, written and online) • Projects/Assignments • Demonstration (individual & group) • Presentation (individual & group)	
Theory:	40%
• Module test (written & online) • Final examination (written & online)	
TOTAL	100%

Assessment Grades and Methods:

PERCENTAGE (%)	GRADE	DESCRIPTION
80 – 100%	A	Distinction
70 – 79%	B	Excellent
60 – 69%	C	Very Good
50 – 59%	D	Good
40 – 49%	E	Pass
30 – 39%	F	Fail

Physical resources
The inputs/equipment/infrastructure that will be used to conduct trainings are:

1. Dell laptops and desktops in Lecture rooms and Computer lab
2. Power Point Projectors & White boards
Similarly, the following software applications will be used to conduct the training:
1. Java Software
2. NetBeans Application

Prescribed Textbooks (for Learners)

i. IIHT E-Text books

Programme Duration *

Total Credit Value (Contact Hours + Non-Contact Hours): **370 hours**

Contact Hours: 246 hours / 9 months (Units Structure of the Qualification, Level and Credit Value)

ADVANCE DIPLOMA IN SOFTWARE DEVELOPMENT	LEVEL	CREDIT HOURS
OPERATING SYSTEM	LEVEL 4	4
OBJECT ORIENTED CONCEPT	LEVEL 4	6
PROGRAM FUNDAMENTALS	LEVEL 4	6
HTML	LEVEL 4	20
CSS	LEVEL 4	20
PHP	LEVEL 4	25
BOOTSTRAP	LEVEL 4	20
WORDPRESS	LEVEL 4	25
MY SQL	LEVEL 4	25
C-PROGRAMMING	LEVEL 4	20
JAVA	LEVEL 4	20
JAVA SCRIPT	LEVEL 4	15
JQUERY	LEVEL 4	15
PYTHON	LEVEL 4	25
TOTAL CONTACT HOURS		**246**

Non-Contact Hours: **124 hours**

Assignments and Tutorials

ADVANCE DIPLOMA IN SOFTWARE DEVELOPMENT	LEVEL	ASSIGNMENT	TUTORIALS	TOTAL
OPERATING SYSTEM	LEVEL 4	1	1	2
OBJECT ORIENTED CONCEPT	LEVEL 4	1	1	2
PROGRAM FUNDAMENTALS	LEVEL 4	1	1	2

HTML	LEVEL 4	2	2	4
CSS	LEVEL 4	2	2	4
PHP	LEVEL 4	5	5	10
BOOTSTRAP	LEVEL 4	5	5	10
WORDPRESS	LEVEL 4	5	5	10
MY SQL	LEVEL 4	5	5	10
C-PROGRAMMING	LEVEL 4	6	6	12
JAVA	LEVEL 4	7	7	14
JAVA SCRIPT	LEVEL 4	5	5	10
JQUERY	LEVEL 4	5	5	10
PYTHON	LEVEL 4	12	12	24
TOTAL CONTACT HOURS		**62**	**62**	**124**