

Diploma Level 2 in Software Development (City & Guilds 7267-22 series),  
 Units 201, 202, 205, 206, 035

Zain: 0734 936 145, Orange: 0770 027 397

### Exam Unit: 201 Core Unit

*Describe the common features of high level programming languages.*

**Duration:** 3 Terms /1 Year  
**Number of Units:** 11  
**Tuition:** 102,300  
**Exam Fee:** 8,000

Students will be able to: Describe the common features of high level programming languages, Specify data types and data structures, and specify software component design specification.

JAVA01	Java Language I
PROP01	Programming Methodology I - OOP and Threading
PDOC01	Planning and Documentation I
ALG001	Algorithms, Recursion and Sorting
DAST01	Data Structures I
PERS01	Persistence – Files
PDOC02	Planning and Documentation II
PDOC03	Planning and Documentation III
PDOC04	Planning and Documentation IV
TEST01	Software Testing, Junit & Ant Build
SPR001	Software Production I

### Exam Unit: 202 Optional

*Create Software Components using C++*

**Duration:** 1 Term / 3 months  
**Number of Units:** 2  
**Tuition:** 18,600  
**Exam Fee:** 8,000

Students will be able to specify the basic tools required to create, compile and execute a program; that can accept inputs and generate outputs, Use predefined functions; use operators for arithmetic and logical operations and use control structures within a program.

CPP001	C++ Programming I
OPS001	Operating system 1- Linux Shell Command

### Exam Unit: 205 Optional

*Create Software Components using Java*

**Duration:** 1 Term / 3 months  
**Number of Units:** 2  
**Tuition:** 18,600  
**Exam Fee:** 8,000

Students will be able to manage the development environment. Use components to create Graphical User Interface code for specified software components

JAVA02	Java Language II
IDE001	IDEs – Eclipse & Netbeans

### Exam Unit: 035 Optional

*Designing and creating multi-page websites.*

**Duration:** 1 Term / 3 months  
**Number of Units:** 3  
**Tuition:** 27,900  
**Exam Fee:** 8,000

Students will be able to describe and apply the basics of web page development; undertake user requirements analysis; use appropriate development tools to implement web pages; test websites use graphics application to create and implement web pages; test web sites use a graphics application to create and manipulate images for use on web pages.

XML001	XML I - Basic XML
HTJS01	HTML and Javascript
WSSP01	The Web & Web Service Protocols
PHP001	PHP
DRFL01	Dreamweaver & Flash Web design

**Digital Age Institute Ltd.** - View Park Towers - 16th floor - Digital Wing  
Monrovia Street/Utalii Lane, opposite Alliance Francaise

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## **Exam Unit: 206 Optional**

*Create Software Components  
using C#*

**Duration:** 1 Term / 3 months

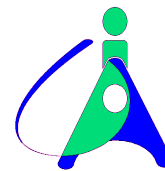
**Number of Units:** 2

**Tuition:** 18,600

**Exam Fee:** 8,000

Students will be able to manage the development environment; use components to create Graphical User Interface (GUI), to create code for specified software component, use debug facilities in development environment, test software component and produce printed output.

CSH001	C# Programming
ASP001	ASP.NET Framework



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