OUR COMPUTER EDUCATION
ON PAR WITH THE GROWING
I.T. INDUSTRY

WHY STUDY AT EDULINK?

Edulink International College Nairobi was established in 2014. Edulink group has been involved in higher education for over 10 years and is the APTECH center of excellence in Kenya.

APTECH has trained over seven Million people worldwide, 100,000 of which are from Africa. Edulink International College Nairobi delivers a range of software development and Multimedia courses under the APTECH brand.

ABOUT APTECH

Aptech is a global learning solutions company that commenced its education and training business in 1986. Aptech has a presence in more than 40 countries through two main businesses – Individual Training and Enterprise Business, and has over a thousand centers of learning worldwide.

Aptech offers individual training courses in I.T., hardware and networking, multimedia, animation, aviation, hospitality, banking, finance, beauty and make-up training and English learning. The enterprise business includes training and assessment solutions for corporates and institutes.

INTRODUCTION

- **ACCP (Aptech Certified Computer Professional)** is a complete, **career oriented** programme preparing students for today's I.T. Industry.

- The course gives students a **strong foundation** on various concepts related to software development and global technology insights.

- Recognising the wide range of technologies, students can choose their specialisation in Open Source Technology from **.NET** and **Java.**

- **Laddered Learning.** Designed to improve ease of understanding for students.

- **Personality Development.** This course also helps students to improve interpersonal, communication, team building and leadership skills.

- The students receive hands-on training when creating projects during the course.

Career-oriented PROGRAMME for today's I.T. Industry

COURSE STRUCTURE

SEM 1	Certificate Of Proficiency In Systems Management **(CPISM)**
SEM 2	Diploma In Information Systems Management **(DISM)**
SEM 1-4	Advanced Diploma In Software Engineering **(ADSE)**

Course Flow

We have adopted a new course structure which comprises of theory, lab and practice hours. The course itself will comprise of theory and lab sessions only. Practice hours are recommended hours for the students to practice on their own. Students can utilise practice hours for completing assignments, performing additional exercises in the lab, or testing their practical skills.

GRADUATE READY for today's I.T. INDUSTRY

Semester 1

Module	Duration	Self-Study Hours
Programming Principles and Techniques	16	06
Logic Building and Elementary Programming	32	12
Building Next Generation Websites	32	10
eProject- Website Development (HTMLS)	02	O
UI/UX for Responsive Design	12	06
Object-oriented Programming Concepts	16	06
Programming in C++	24	08
Database Management (SQL Server)	12	08
Markup Language and JSON	12	08
Web Productivity Tools	16	06
TOTAL	**194**	**194**

Job Profiles: Web Designer/HTML5 Programmer/C and C++ Programmer

Semester 2

Module	Duration	Self-Study Hours
Fundamentals of Linux Operating System	24	08
Optimize Web for Search Engines	12	06
Fundamentals of JAVA	32	12
Object-oriented Programming with Java	32	10
eProject (JAVA)	02	00
Application Programming (C#)	40	12
Introduction to Cloud Computing	04	02
Fundamentals of IoT	06	04
Online Advertising and Management	24	12
Soft Skills	16	00
TOTAL	**192**	**66**

Job Profiles: NET Programmer/Java Programmer

JAVA:

Java is a general purpose computer programming language that is concurrent, class-based, object oriented and specifically designed to have as few implementation dependencies as possible. As of 2016, Java is one of the most popular programming languages in use, particularly for client-server web applications, with a reported 9 million developers.

CREATE THE FUTURE for today's I.T. INDUSTRY

OST:

Open Source Technology (OST) is defined as the production and development philosophy of allowing end users and developers to not only see the source code of software, but modify it as well. The Linux operating system is one of the best-known examples of open source software technology. Open source technology has spawned an open source culture among programmers and developers who embrace the OST philosophy.

Semester 3

Module	Duration	Self-Study Hours
Introduction to Web and Enterprise Application	32	12
Web Component Development with Java	32	10
eProject (Android)	02	00
Architecting Applications for the Web	16	06
Agile System Development Life Cycle for Software Projects	24	12
Developing Mobile Applications using Android	32	12
Testing Android Applications	16	06
TOTAL	**154**	**58**

Job Profiles: Java Web Application Developer/ Android Application Developer

Semester 4 (OST & JAVA)

Module	Duration (Instructional Hours)	Self Study Hours
Working with Open Source Web Sever	24	08
Querying with MySQL	24	08
Web Application Development using PHP		12
Work with Cloud Platform Services	10	04
Enterprise Application Development using EJB	36	12
eProject (Java EE)	02	00
Creating Services for the Web	12	04
Rich Internet Application Development	12	04
Software Engineering Principles	16	06
Software Project Management	16	06
TOTAL	**188**	**64**

Job Profiles: PHP Programmer/Java Enterprise Application Developer

ACCP **COURSE**

Software Training

During the Course students will be trained in the following software:

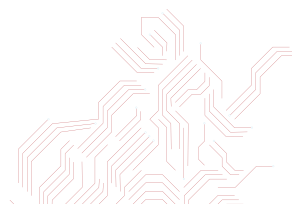|	
Turbo C++	Windows Phone 10
HTML5 & CSS3	JSF & Struts
NetBeans	Android
MS SQL Server 2016	MySQL
Red Hat Enterprise 7	PHP
.NET Framework	Java 7 EE & SE
Google Search Engine Tools	Apache
Google Adwords	Windows Server 2012
Cloud Tools	
Microsoft Visual Studio 2013 Professional Edition	

Credit Transfer Facility

All Aptech students have the opportunity to pursue a BSC (hons) degree from any of Aptech's partner universities, which include a number of UK universities. Students can make use of the Credit Transfer Facility to transfer credits from their ACCP programme, to their overseas degree. This allows students to receive an Aptech diploma and a degree from a leading international university.

PARTNER UNIVERSITY:

Middlesex University Dubai | Middlesex University London

Onlinevarsity

- Aptech's remarkable learning portal with 24/7 student access
- Content and collaboration platform for Aptech students, helping them learn new programs and technologies
- Aptech students will receive course content via Onlinevarsity
- Students can refer to course content at anytime, anywhere and on any operating system (Windows, IOS, Android).

EDUCATION
FOR THE FUTURE

EDULINK

INTERNATIONAL
COLLEGE
NAIROBI