
CPC Youth Representatives/ Assistant Youth Representative E-Traning Programme

Information Technology

Module Name:Youth Representative and Assistant Youth Representative E- Training Programme

Module Number/Code:778/002/LM-/ IT REP/Asst REP

Module Subject/Topic: Information Technology in the Youth Representative and Assistant- Youth Representative Context

The module aims to help the students to identify computer-based systems that make administrative processes efficient and more transparent. The main focus of the module is on how we understand the potential of IS to support organisational activities.

This module aims to give a comprehensive introduction to Computer Science, its theoretical basis and practical implementation in both hardware and software.

Guided Learning Hours : 2Hours.....(120 Minutes)

Independent Learning Hours:4 Hours(240 Minutes)

Course

Description : By the end of this programme participants will have learned the following: **The Fundamentals of Computer Science**

1a.Computer Technology

This module aims to introduce you to the fundamentals of microprocessor based systems operation. You will gain an understanding of the design and operation of the main microprocessor hardware components. You will also develop an understanding of how to design a typical low level assembly language program.

1b.Introduction to Computer Technology and Infrastructure

This module aims to introduce you to the fundamentals of computer technology and infrastructure. For computer networks, this includes understanding the underlying technologies and some practical applications. For microprocessor based systems operation, you will gain an understanding of the design and operation of the main microprocessor hardware components and you will also develop an understanding of how to design a typical low level assembly language program.

1c.Course Assessment:

The following course assessment tools will be utilised to measure the extent to which participants have understood and engaged with the course material and to determine the level extent to which learning has taken place.

1a).Assignments: (1), (2) (Each assignment to be a maximum of 500 words)

1b).Course Project (This assignment to be a maximum of 1000 words)

LM. July 2021

Assignments

1a) Explain in no more than 100 words what the GDPR 2018 legislation is and how this relates to Information Telecommunications in the Youth Representative context.

1b).Using no more than 100 words explain the process of creating a document: saving a document:copying and pasting a document:and emailing a document.

Course Project

For your project question you are to choose one of the following Information Technology specializations: Cloud computing, cyber security, data management, or networking. You are to demonstrate the effective use computers in one of the above areas demonstrate ways in which the use of Information Technology meets day-to-day personal or business needs and launch or advance your career in the IT industry.