

## **SYNOPSIS & JOB PROSPECT DIPLOMA INFORMATION TECHNOLOGY (PROGRAMMING)**

### **SYNOPSIS:**

This programme provides education and training in computing with a specific emphasis on computer programming. Among the courses offered in this programme are Programming Principles, Programming Fundamentals, Object-Oriented Programming,.Net Technology, Data Structure, and Web Programming 1 and 2. The knowledge and skills in Computing Essentials, Computer Hardware, Fundamentals of Operating Systems, Open Source Operating System, Database System, Information System Security, Computer Network and Project provide opportunities for students to get into abroad range of careers in a variety of technology sectors. This programme also provides the students with transferable skills and multiskilling which enable them to adapt and adopt to new technologies. In addition to the technical courses, students are also taught Communicative English 1, 2 & 3, Mathematics, Islamic Education or Moral Education, Islamic Civilization, Co-Curriculum, Soft Skills and Occupational Safety and Health to enhance their competencies in soft skills. As the programme emphasizes self-initiated learning and hands-on competencies, graduates of this programme will be ready to take the challenges in the world of computing technologies.

### **JOB PROSPECT**

This programme provides the knowledge and skills in computer software development fields with job designation such as:

- a. Computer Application Programmer
- b. Internet Programmer
- c. Web Programmer
- d. Database Programmer
- e. System Analysts Assistant
- f. Software Developer
- g. Database Administrator
- h. Software Tester
- i. System Support Personnel
- j. Systems Programmer
- k. Technical Helpdesk.