

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

### **SYNOPSIS:**

This programme is designed to introduce students to the networking concepts and theories, the designs, implementation and maintenance of computer networks. This programme provides knowledge and skills in Computer Hardware, Computer Organisation, Network Fundamentals, Internet Services, Switching and Routing, Network Design, Server Management and Network Security. Students are also given the opportunity to learn and use the open source software in the following courses: Open Source Operating System and Database System. Other applications and programming courses included in the programme are Computing Essentials, Programming Principles, Programming Fundamentals and Network Programming. Cyberpreneurship and Project Analysis and Design are also incorporated. This programme also provides the students with transferable skills and multi-skilling which enables them to adapt and adopt new technologies. In addition to technical courses, students are also taught Communicative English, Mathematics, Islamic Education, Islamic Civilisation, 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 computer technologies.

### **JOB PROSPECT**

This programme provides the knowledge and skills in computer network technology, network management and information security, supporting server and interactive multimedia that can be applied to a broad range of careers in the ICT industrial world and businesses. The knowledge and skills that the students acquire from the programme will enable them to participate in the job market such as Maintenance Personnel, Network Support Personnel, Network Administrator, IT / Information Support Executive, Computer Technical Support, IT Supporting Engineer, Assistant Network Engineer, IT Developer and Technical Helpdesk.