

DIPLOMA IN INFORMATION TECHNOLOGY

(MQA/FA 8618) (KPT/N/481/4/0776)

UNIKOP College prepares students with a thorough understanding of the principles, theories, and current practices in the Computer Science & Information Technology field. Students will get a strong foundation, allowing them to experience the process of software development and explore the rapid development of networking technologies.

Curriculum emphasizes practical and hands-on training. Focus in technical aspects of programming and networking. Students will be able to pursue their degree studies in Computer Science, IT or related disciplines.

What skills will you develop?

- Students will gain computing knowledge in planning, implementation, configuration, and maintenance.
- You will be exposed to Programming Language.
- Students will be familiar with web technologies.
- Programming skills
- Database
- Software design
- Operating systems
- Data communication & networking.

Career Opportunities

- Programmer
- Service technician
- Network technician
- Network administrator
- Technical support

Entry Requirements

Pass SPM/O-Level or its equivalent, with a minimum of Grade C in 3 subjects inclusive Mathematics

Course Schedule

1 YEAR
- 3 Semesters

2 YEAR
- 3 Semesters

3 YEAR
- 1 Semester

NEW INTAKE : FEBRUARY - JUNE - OCTOBER

PROGRAM STRUCTURE

1 SEMESTER

- Introduction to Comparative Religion **OR** Entrepreneurship Skills.
- Computer Systems
- Computer Network
- Mathematics for IT Practitioners
- Introduction To Programming
- Principles of Marketing

2 SEMESTER

- Professional Development **OR** Thinking Skills
- Community Services
- Introduction to Multimedia

3 SEMESTER

- Philosophy and Current Issues of **OR** Appreciation of Ethics and Civilization
- Basic Mathematical Techniques
- Communication Technologies
- Computer Architecture
- Introduction to Database Design
- Principles of Business Management

4 SEMESTER

- IT Support for End Users
- Information Systems
- Research Skills
- Internet Marketing
- Work Place Communication **OR** Work Culture

5 SEMESTER

- Website Design
- Systems Analysis and Design
- Principles of the Database Design
- E-Business Operations

6 SEMESTER

- Final Year Project
- IT Security Management
- Network Operating System
- Entrepreneurship Skills **OR** Personal Finance Management

7 SEMESTER

- Industrial Training



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DIPLOMA IN COMPUTER SCIENCE

(MQA/MQA/PA 13692) (KPT/N/481/4/0822)

The program is meant to educate and train students for a range of careers in computer science such as software engineer, web design, system analysis, system designer, and data analyst.

This program also focuses on providing specialist options that meet the needs of the major functions in computer science and allow specialization with career progression and professional recognition in mind.

What skills will you develop?

- You will have a strong foundation in computing problem-solving.
- You will gain knowledge in technologies and software design.
- You will understand how basic computer networks and mobile applications work.
- An understanding of software principles and development
- Technical writing.
- A solid understanding of math and formulas.

Career Opportunities

- Software engineer
- Software architect
- Research analyst
- System designer
- IT analyst

Entry Requirements

Pass SPM/O-Level or its equivalent, with a minimum of Grade C in 3 subjects inclusive Mathematics

Course Schedule

1 YEAR
- 3 Semesters

2 YEAR
- 3 Semesters

3 YEAR
- 3 Semesters

NEW INTAKE : FEBRUARY - JUNE - OCTOBER

PROGRAM STRUCTURE

1 SEMESTER

- Philosophy and Current Issues **OR** Appreciation of Ethics and Civilization
- Pre Calculus
- Fundamental of Algorithm Development
- Operating System
- Integrated Language Skills
- Introduction To Programming

2 SEMESTER

- Computer System **OR** Introduction to Comparative Religion
- Computer Network
- Calculus
- System Analysis and Design
- Introduction to Database Design

3 SEMESTER

- Fundamental of Data Structures
- Professional Development **OR** Thinking Skills
- Community Service

4 SEMESTER

- Web Application Development
- Introduction to Probability and Statistics
- Computer Organization
- Interactive Multimedia

5 SEMESTER

- Discrete Mathematics
- Structured Programming
- Introduction to Data Communication and Networking
- Research Skills

6 SEMESTER

- Visual Programming
- Pengajian Malaysia
- Entrepreneurship Skills
- Personal Finance Management

7 SEMESTER

- Linear Algebra
- Object Oriented Programming
- Introduction to Financial Accounting and Reporting
- Work Place Communication **OR** Work Culture
- Computer & Information Processing

8 SEMESTER

- Industrial Training

9 SEMESTER

- Final Year Project



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DIPLOMA IN CYBER SECURITY TECHNOLOGY

(MQA: MQA/PA13676) (KPT/N/143/4/0183)

This program aims to provide students with essential knowledge and skills in designing, managing issues, and implementing cyber security. Throughout this course, students will have the ability to meet the demands of the job market for professionals in the field of computer security.

Upon completion of this course, students will automatically be awarded the “QT” title, which stands for Qualified Technician under the Malaysia Board of Technologists (MBOT)

Graduates of cyber security specialists are capable of helping their organizations secure computer and network resources. A competent practitioner who can select opportunities related to cyber security fields through long-life learning.

What skills will you develop?

You will develop the analytical and technical skills necessary in the areas of network security:

- Basic Data Analysis
- Basic Scripting or Introductory Programming.
- Cyber Defense.
- Cyber Threats
- Fundamental Security Design Principles
- Information Assurance Fundamentals
- Intro to Cryptography
- IT Systems Components
- You will acquire the latest knowledge in the field of cybersecurity.
- You will develop relationships with your classmates, professors, and mentors.

Career Opportunities

- Programmer
- Service technician
- Network technician
- Network administrator
- Technical support

Entry Requirements

Pass SPM/O-Level or its equivalent, with a minimum of Grade C in 3 subjects inclusive Mathematics

Course Schedule

1 YEAR
- 3 Semesters

2 YEAR
- 3 Semesters

3 YEAR
- 3 Semesters

NEW INTAKE : FEBRUARY - JUNE - OCTOBER

PROGRAM STRUCTURE

1 SEMESTER

- Philosophy and Current Issues of **OR** Appreciation of Ethics and Civilization
- Introduction To Network
- Operating System
- Principle Of Information Security.

2 SEMESTER

- Introduction to Comparative Religion **OR** Entrepreneurship Skills
- Integrated Language Skills
- Cyber Law And Ethics
- Mathematics for IT Practitioners

3 SEMESTER

- Professional Development **OR** Thinking Skills
- Community Services
- Programming Fundamentals

4 SEMESTER

- Data Communication And Networking
- Discrete Mathematics
- Web Applications Development
- System Analysis and Design

5 SEMESTER

- Network Programming
- E-Commerce Security
- Computer System Architecture
- Introduction to Database

6 SEMESTER

- Managing Information Security
- Work Culture OR Work Place Communication
- Introduction to Multimedia

7 SEMESTER

- Object-Oriented Programming
- Network Security
- Routing And Switching Essentials

8 SEMESTER

- Computer Forensics
- Incident Response And Handling
- Final Year Project

9 SEMESTER

- Industrial Training



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DIPLOMA IN PSYCHOLOGY

(MQA/MQA/PA 12873) (KPT/N/311/4/0121)

The program is meant to prepare students to function effectively as technical assistants in various work settings such as psychology laboratories, childcare centers, and homes for aged and welfare agencies.

Focusing on providing specialist options that meet the needs of the major functions in psychology and allow specialization with career progression and professional recognition in mind.

What skills will you develop?

- Basic counseling and guidance skills
- Basic application of psychology at workplace
- Critical Thinking.
- You will learn how to build stronger connections and more genuine relationships with people.
- You will get knowledge to solve problems that directly affect people's lives.
- Leadership and teamwork skills.
- Organization/time management skills.
- General research skills and data analysis.

Career Opportunities

- Assistant psychometrics /clinician
- Assistant counsellor
- Assistant educational instructor
- Asocial worker
- Human resource personnel

Entry Requirements

Pass SPM/O-Level or its equivalent, with a minimum of Grade C in 3 subjects inclusive Mathematics and Science

Course Schedule

1 YEAR
- 3 Semesters

2 YEAR
- 3 Semesters

3 YEAR
- 3 Semesters

NEW INTAKE : FEBRUARY - JUNE - OCTOBER

PROGRAM STRUCTURE

1 SEMESTER

- Philosophy and Current Issues of OR
- Appreciation of Ethics and Civilization
- Introduction to Psychology
- Sociology
- Computer Application

2 SEMESTER

- Introduction to Comparative Religion OR Entrepreneurship Skills.
- Critical Thinking
- English Grammar
- Personality

3 SEMESTER

- Professional Development OR Thinking Skills
- Community Services
- Lifespan Development

4 SEMESTER

- Team Building
- Adolescent Psychology
- Social Psychology
- Cognitive Psychology

5 SEMESTER

- Statistic in Psychology
- Physiological Psychology
- Oral Communication Skills
- Abnormal Psychology

6 SEMESTER

- Research Method
- Principle in Counselling

7 SEMESTER

- Ethics in Psychology
- Organizational Psychology
- Health Psychology

8 SEMESTER

- Applied Psychology
- Academic English
- Emotional Intelligence at Workplace

9 SEMESTER

- Industrial Training



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DIPLOMA IN HEALTHCARE MANAGEMENT

(MQA/MQA/PA 12874) (KPT/N/720/4/0130)

The program is specially designed to equip students with relevant and strong hospital administration, business skills, and healthcare knowledge to manage hospitals and other healthcare organizations. It aims to train students in ensuring that their healthcare organizations are medically, financially, and operationally capable of serving the needs of the patients.

The skills taught for healthcare management include customer service and feedback management, staff administration, service quality assurance, as well as related business courses, interpersonal skills, and leadership. The student will gain internship experience from the real healthcare sectors.

What skills will you develop?

- You will acquire the latest knowledge in the field of Healthcare management.
- You will develop relationships with your classmates, professors, and mentors.
- Communication.
- Research skills.
- Problem-solving skills.
- Hospital administration.
- Health sciences and hospital technology.
- Hospitality and effective customer service skills.
- Develop analytical thinking and leadership skills.
- Knowledge and usage of information technology in the healthcare industry
- Basic principles of revenue management in front office setting

Career Opportunities

- Healthcare administrator
- Patient services assistant executive
- Patient finance assistant manager
- Health insurance assistant manager
- Managed care representative
- Home health care administrator
- Assistant physician practice manager
- Human resources assistant executive
- Assistant information officer
- Nursing administrator manager

Entry Requirements

Pass SPM/O-Level or its equivalent, with a minimum of Grade C in 3 subjects inclusive Mathematics and Science

Course Schedule

1 YEAR
- 3 Semesters

2 YEAR
- 3 Semesters

3 YEAR
- 3 Semesters

NEW INTAKE : FEBRUARY - JUNE - OCTOBER

PROGRAM STRUCTURE

1 SEMESTER

- Introduction to Comparative Religion
OR Entrepreneurship Skills.
- Fundamental of Anatomy & Physiology
- Organizational Behavior
- Basic Accounting
- Academic English

2 SEMESTER

- Professional Development **OR** Thinking Skills
- Community Services
- Health Safety & Security

3 SEMESTER

- Philosophy and Current Issues of **OR** Appreciation of Ethics and Civilization
- Healthcare Marketing
- Epidemiology
- Principles of Management and its Application in Healthcare Service
- Healthcare Finance

4 SEMESTER

- Current Issue in Health
- Healthcare Human Resource
- Medical Coding
- Management of Healthcare Record
- Computer Application

5 SEMESTER

- Introduction to Psychology
- Health & Social Care Provision
- Health Economics

6 SEMESTER

- Practical Attachment 1

7 SEMESTER

- Medical Inventory Management
- Health Promotion
- Ward & Lab Management

8 SEMESTER

- Introduction to Research Methodology
- Disaster Management
- Medical Law and Ethics

9 SEMESTER

- Practical Attachment 2



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DIPLOMA IN OCCUPATIONAL SAFETY AND HEALTH

(MQA/MQA/PA14289) (KPT/N/862/4/0072)

The Diploma in **Occupational Safety and Health** program has focused on Providing education and training for a range of careers in occupational safety and health such as safe practice, safety sciences, and ICT skills.

Our course training is based on scientific principles that encompass competency through knowledge in occupational safety and health, preparing the students for employment in all sectors that require safety and health officer such as oil and gas, manufacturing industry, construction industry, plantation, service and utility sectors, research institutions, and local authorities that require health and safety inspection.

What skills will you develop?

- Safety and health laws, regulations and requirement
- Safety, health and team management system
- Proper use of equipment
- Hazard recognition
- Risk assessment
- Risk control

Career Opportunities

- Safety and Health Advisor/Consultant/Specialist
- Safety and Health Manager
- Safety and Health Officers
- Safety Executives/Supervisor
- Site Safety Supervisor
- Industrial Hygiene technician
- Safety and Health Instructor

Entry Requirements

Pass SPM/O-Level or its equivalent, with a minimum of Grade C in 3 subjects inclusive Mathematics and Science

Course Schedule

1 YEAR
- 3 Semesters

2 YEAR
- 3 Semesters

3 YEAR
- 1 Semester

NEW INTAKE : FEBRUARY - JUNE - OCTOBER

PROGRAM STRUCTURE

1 SEMESTER

- Philosophy and Current Issues of OR Appreciation of Ethics and Civilization.
- Anatomy and Physiology
- Physics
- Principle of Occupational Safety and Health.
- Organizational Behaviour OR Principles of Management

2 SEMESTER

- Introduction to Comparative Religion OR Entrepreneurship Skills
- Microbiology
- Chemistry
- Occupational Safety and Health Laws
- Computer application

3 SEMESTER

- Professional Development OR Thinking Skills
- Community Services
- Introduction to Psychology

4 SEMESTER

- Ergonomic
- Hazardous Chemical Management
- Machinery Safety
- OSH Audit
- Industrial Toxicology OR Workplace Communication

5 SEMESTER

- Accident Investigation
- Fire Safety
- Occupational Hygiene
- Risk Management

6 SEMESTER

- OSH Management System
- Emergency Response and Planning

7 SEMESTER

- Industrial Training



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DIPLOMA IN PHARMACY

(MQA/MQA/PA15960) (KPT/N/0916/4/0004)

The Diploma in Pharmacy programme is designed to ensure that students have the appropriate knowledge and skills to perform their job effectively by gaining relevant competencies for various roles in the pharmaceutical area. Graduates will demonstrate knowledge, technical competency and capability to assist in providing quality pharmaceutical services with professionalism and ethics through contemporary and forward-looking training programme.

What skills will you develop?

- Medicines coding and dispensing skills
- Medicines inventory maintenance
- Effective oral and written communication
- Access and analyze information

Career Opportunities

- Pharmacist's Assistant
- Pharmacy Laboratory Assistant
- Pharmacy quality assurance assistant

Entry Requirements

Pass SPM/O-Level or its equivalent, with a minimum of Grade C in 5 subjects inclusive Mathematics and Science

Course Schedule

Interview (if required)

1 YEAR
- 3 Semesters

2 YEAR
- 3 Semesters

3 YEAR
- 2 Semester

NEW INTAKE : FEBRUARY - JUNE - OCTOBER

PROGRAM STRUCTURE

1 SEMESTER

- Introduction to Pharmacy
- Fundamental of anatomy & Physiology
- Principles of management and its application in healthcare services
- Appreciation of Ethics and Civilization **OR** Philosophy and current issues

2 SEMESTER

- Organic Chemistry
- Physical Chemistry
- Introduction to Microbiology
- Introduction to Psychology
- Fundamentals of Entrepreneurship **OR** Introduction to comparative religion

3 SEMESTER

- Professional Development **OR** Thinking Skills
- Pharmaceutics 1
- Community service

4 SEMESTER

- Current Issues in Health
- Dispensing Technique 1
- Biostatistics and Calculus
- Social Pharmacy and Public Health

5 SEMESTER

- Medical Coding
- Basic Pharmacology
- Dispensing Technique 2
- Pharmaceutics 2

6 SEMESTER

- Hospital Pharmacy
- Research Methodology
- Quality Assurance in Pharmaceutical Products and Services

7 SEMESTER

- Introduction to pharmaceutical Inventory Management
- Alternative Medicine
- Pharmacotherapy Of Endocrine System, Muscle and Joints
- Pharmacotherapy Of The Central and Peripheral Nervous System

8 SEMESTER

- Industrial Training



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