KOLEJ UNIKOP
DK153(WI)
MILIK KOPERASI POLIS DIRAJA MALAYSIA

DK153(B)

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

UNIKOP College is owned by The Royal Malaysian Police Cooperation and was established in 1996 and its new Head Quarters located at Multimedia Super Corridor Park in Cyberjaya, Selangor Darul Ehsan. During its 22 years of existence, UNIKOP College has produced over 15,000 qualified, knowledgeable, professional and proactive graduates in various levels and fields.

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