



Diploma In Computer Science

(N/481/4/0823)(08/25)(MQA/FA13808)

About Diploma In Computer Science

Enrol Diploma In Computer Science In Malaysia

Embark on your tech career with our diploma in computer science in Malaysia. This course is a full-time, 2.4-year diploma delivered at The Ship Campus in Penang within an authentic Campus-in-Industry setting.

Gear your way towards the Digital Future of Industrial 4.0 with our Diploma In Computer Science in Malaysia where you will learn to create, enterprise and manage various computer systems. Through software development, programme languages, algorithms and data structures, students will be equipped with the practical skills relevant to adapting and using modern information technologies.

— Study Mode / Duration

Full-time (2.4 years)

— Delivery Location

The Ship Campus, Penang

January, May, September

— Fee

Approx. RM 30,500

— Entry Requirements*

- SPM / IGCSE : Pass with 3 credits inclusive of Mathematics and pass in English
- UEC : Pass with 3 B6 inclusive of Mathematics and pass in English

— Career Prospects

- Software Engineer
- Analyst Programmer
- IT Support Personnel
- Cyber Security Analyst
- Application Analyst/Developer

Programme Structure

Year 1

- Introduction to Information Technology and Applications
- Discrete Mathematics
- Introduction to Networking
- Problem Solving in Computing



Penghayatan Etika dan Peradaban / Bahasa Melayu Komunikasi 1*

Education to Computer Architecture

- Calculus and Algebra
- Business Communication
- Network Technology
- Fundamentals of Programming
- Network Security
- English Language Proficiency
- Operating Systems
- Data Structures and Algorithms
- Bahasa Kebangsaan A** / Public Speaking

Year 2

- Object-oriented Programming
- Cryptography
- Integrity and Anti-Corruption
- System Analysis and Design
- Database Management System
- Security Management
- Internet Development
- Ethical Hacking and Intrusion Prevention
- Cyber Law
- Community Service 1
- Elective (1)***
- Elective (2)***
- Elective (3)***

Year 3

- Industrial Training (4 months)

*** Elective Subject

- Cloud Computing Security
- Multimedia Principles
- Cyber Risk Management
- Visual Programming
- Computer Security and Forensic



Changes to the programme structure are at Peninsula College Georgetown's discretion as approved by MQA

** for international students only.*

*** for individuals who did not meet the minimum grade C in their SPM results or hold equivalent qualifications from other examinations.*

 [Download Course Guide](#)


Peninsula College Georgetown DK266-03(P)

The Ship Campus, Penang


 +6012-5650051

Peninsula College Shah Alam DK056(B)

The Lighthouse Campus, Shah Alam

 +6016-2151303

The City Campus, Klang

 +6016-2151303

 enquiry@peninsulacollege.edu.my

Our Campuses

The Ship Campus, Penang

The Lighthouse Campus, Shah Alam



The City Campus, Klang

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