

## PROGRAMME DESCRIPTION

Our Diploma in Computer Science programme has been designed to help the students to acquire knowledge related to computer applications. Our well versed academicians also impart knowledge in other subject areas, related to it. This programme also focuses on the computer programming and computer development skills of the students. Students after completing this programme would possess in-depth knowledge on this subject, which would help them to excel in the professional field. After the completion of this programme students can either pursue higher degree or can start their career at the entry level.

## PROGRAMME AIM

This programme aims to produce graduates, who will have the ability to write computer applications to aid day-to-day operations of organizations, maintain computing environments effectively as well as efficiently and develop automated procedures for routine or ganizational tasks. Our primary objective is to provide the students with an understanding of all the aspects related to technology and also help the students to learn about the new technological developments. The duration of this programme is two and a half years and it covers technology appreciation in the first year and focus on the understanding of modern computing applications in the second year.

## PROGRAMME DURATION

Minimum Duration: 30 Months Maximum Duration: 30 Months

## INTAKE AND ENTRY REQUIREMENTS

March, July, November

### Entry Requirements:

- ▶ Pass SPM or SPMV with at least 3 credits including Math subject credit; or
- ▶ Other qualifications recognized by the Government of Malaysia.

### English Requirements :

International students must have proof of good proficiency in verbal and written English. For example, International English Language Testing System (IELTS) score of 6.0 or its equivalent. If a student does not meet this requirement, HEPS must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme.

## LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

NO.	COURSE NAME
1.	English I
2.	Internet Fundamentals and Applications
3.	Fundamental Computer Principle and Programming
4.	Malaysian Studies 2
5.	Malay Language Communication 2
6.	Web Design and Publishing
7.	Computer Related Mathematics & Statistics
8.	Operating System
9.	Organizational Behaviour
10.	Creative Problem Solving

NO.	COURSE NAME
11.	E-Commerce
12.	Software Engineering
13.	Constitution and Society
14.	Introduction to C++ Language
15.	Calculus
16.	System Analysis and Design
17.	Multimedia Management System
18.	Visual Programming
19.	Community Service
20.	Quantitative Methods
21.	Database System
22.	Java Programming
23.	Data Structure and Algorithm

NO.	COURSE NAME
24.	English II
25.	Management Information System
26.	Object Oriented Programming
27.	Computer Security
28.	Computing Project
29.	Computer Ethics
30.	Human Computer Interaction
31.	Public Relation
32.	Data Communication and Networking



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