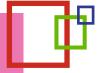# Diploma in Computer Science

(R3/0613/4/0029) (04/30) (MQA/A1829)

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 organizational 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.

CAREER OPPORTUNITIES

The programme will produce a graduate who will be a valuable member of an information systems team, generally at the junior or maintenance programmer level. Opportunities for advancement in this field are excellent, particularly if advanced programmes are taken to maintain an edge in this exciting and innovative field.

PROGRAMME DURATION

Full Time: 2 Years 6 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 5.0 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

Sl. No.	MQA Subject Code	Subject Name	Credits
1.	COMP 107	Fundamental Computer Principle and Programming	3
2.	COMP 113	Internet Fundamental & Applications	3
3.	DCM 114	Computer Related Mathematics & Statistics	3
4.	ENG 413	English I	3
		Elective (Choose any one module from the following two):	
5.	MPU2193	Kursus Falsafah dan Isu Semasa (Philosophy and Current Issues Course)	3
6.	MPU2133	Malay Language Communication 1	3
7.	COMP227	Web Design & Publishing	3
8.	COMP 170	Operating System	3
9.	DCM 128	Quantitative Methods	3
10.	BMNG 377	Organizational Behavior	3
11.	COMP232	E-Commerce	3
12.	COMP111	Software Engineering	3
13.	MPU 2222	Creative Problem Solving	2
14.	DCM246	Visual Programming	3
15.	COMP 333	Calculus	3
16.	DCM243	Multimedia Management System	3
17.	COMP280	Introduction to C++ Language	3
18.	COMP 281	System Analysis & Design	3
19.	COMP277	Java Programming	3
20.	ENG 423	English 2	3
21.	COMP219	Database System	3
22.	COMP220	Data communications & Networking	3
23.	DCM 254	Data Structure & Algorithm	3
24.	COMP 264	Computer Security	3
25.	BMIS 263	Management Information System	3
26.	COMP 270	Object Oriented Programming	3
27.	MPU2422	Co-curriculum	2
28.	COMP253	Human computer Interaction	3
29.	COMP 300	Industrial Training	4
30.	COMP 323	Computer Ethics	3
31.	MPU 2332	Constitution and Society	2
32.	PR 101	Public Relation	2

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