

## DEPARTMENT OF COMMUNICATION TECHNOLOGY AND NETWORK

FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY UNIVERSITI PUTRA MALAYSIA



### PROGRAM EDUCATIONAL OBJECTIVES (PEO)

- 1. Provide and offer courses related to Computer Network and Parallel and Distributed Computing as these fields play a major role in the current development of network application system.
- 2. Produce graduates with sufficient skills in network design and analysis.
- 3. Provide as many experts in network system development skills in developing and managing computer network systems to adapt with the latest network technology.
- 4. Serve as a centre of excellence for research in network, parallel and distributed computing as well as wireless and mobile network disciplinary field.

## BACHELOR OF COMPUTER SCIENCE (COMPUTER NETWORKS)

This program highlights the main principles of network technology and infrastructure in designing the communication and telecommunication systems. This includes current techniques for designing, maintaining and troubleshooting secure network system, utilizing local area network (LAN) and wide area network (WAN) environments and identifying critical issues in developing network environment system. This program outcome entails students to acquire sufficient knowledge, technical and entrepreneur skills in the field of computer networks. Students will be exposed to analytical thinking and communicate efficiently in demonstrating the high level of professionalism, attitudes and netiquette.



#### **CAREER PROSPECTS**

- Network Distributed and Parallel Programmer
- **Network Consultant**
- **Network and Distributed System Analyst**
- **Network System Engineer**
- **Network Hardware and Software Experts**
- Web/Database Administrator
- Web/Mobile/Software Programmer
- » System Analyst and IT Officer
- » Communication and **Computer Networks**
- » Network Security
- » Internetworking
- » Network Protocol
- » Distributed and Parallel » Distributed Systems Computing
- » Network Programming » High Speed Networks

- **Programming**
- » Network Analysis and Design
- » Network Management
- » Mobile Application

- » Parallel and Distributed » High Performance Computing
  - » Distributed Operating System
  - » Shell Programming
  - » Wireless and Mobile Network
  - » Grid Computing
  - » C/C++ Programming
  - » Final Year Project in network
  - » Industrial Training in network field



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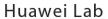
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# FULFIL GENERAL UNIVERSITY REQUIREMENT and SPECIAL PROGRAM REQUIREMENTS

- Minimum of Grade C+ (NGMP 2.33) at STPM level in Mathematics (T) subject; and minimum of Grade C in Additional Mathematic at SPM level; OR
- Minimum of Grade C+ (2.33) at Matriculation/Foundation in Mathematic subject; and minimum of Grade C in Additional Mathematic at SPM level; OR
- Diploma in Science and Technology field with minimum CGPA 2.5; AND minimum of Grade C in Additional Mathematic at SPM level; or those who did not get minimum of Grade C in Additional Mathematic at SPM level or those who did not take the subject, they have to get at least Grade C in mathematic subjects at Diploma level which are equivalent to Additional Mathematic subject;
- AND, minimum of Band 2 in Malaysian University English Test (MUET).







Main Hall



Lecture Room



Student Lounge



- ✓ Teaching Labs
  - ✓ Cafeteria
- ✓ Priting kiosk

FEE

Fee rate is depending on location of student accommodation:

Accommodation	Fee (RM)
College 1-11, 13, 17 & 18, Sri Rajang	2,397.00
College 12, 14, 15 & 16	2,425.00

# CONTACT US

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