



**CYBERJAYA UNIVERSITY COLLEGE**  
of MEDICAL SCIENCES

Nurturing the Passion to Care  
KPT/JPS/DFT/US/B20



# Diploma in Paramedical Science

KPT/JPS(R/721/4/0029)07/18 (A8874)

# DIPLOMA IN PARAMEDICAL SCIENCE

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A Paramedic is an allied health professional who is integral for the provision pre-hospital care for critical patients. A Paramedic's primary focus is to provide advanced emergency medical care which is part of a comprehensive emergency response to various medical emergencies, scene of accidents and natural disasters. Paramedics are regarded as a link from the scene into the health care system. Naturally, Paramedics are expected to be highly competent and skilled.

The programme at CUCMS equips students with the necessary skills and experience to take up real world challenges immediately upon graduation. Students are also exposed to clinical and industrial trainings with various industry partners including:

- Rumah Sakit Pertamina-Bintang Amin, Bandar Lampung, Indonesia
- University Malaya Medical Centre
- Pusat Kesihatan Universiti Kebangsaan Malaysia
- DEMC Hospital, Shah Alam
- Jesselton Medical Centre, Kota Kinabalu, Sabah
- Putra Specialist Hospital, Melaka
- St. John Ambulance Malaysia
- Malaysian Civil Defense Department
- Fire and Rescue Department Malaysia

## OUR STUDENTS



"The subjects taught in the programme is very much applicable to my current practice. I was posted in St. John's Ambulance, Klang branch for the clinical training during my studies and they immediately employed me upon graduation". **Mohd Fadhillah bin Rosly, Emergency Medical Technician/Paramedic with St. John Ambulance Malaysia.**

"The programme provided me with relevant knowledge and skills that has helped me grow in my current employment. Within 6 months of working in the clinic, I have been promoted to Senior Clinic Assistant. My employers are happy with the knowledge and skills that I have obtained during my study at CUCMS." **Nur Hidayah Seruji, Senior Clinic Assistant, Klinik Famili Leiya, Sepang.**



## CAREER PROSPECTS

Graduates of this programme will be equipped to seek career as a :

1. Paramedic Officer
2. Off-shore Paramedics
3. Phlebotomists
4. Emergency Medical Services technicians
5. Clinical assistant and instructor

Graduates may find employment in organizations such as:

- Public & Private ambulance services such as St. John Ambulance Malaysia, Malaysian Red Crescent Society (MRSC)
- Shipping industry
- Oil & gas companies
- Drilling platforms
- Private Hospitals & medical centres
- Fire & Rescue Department

## INTAKE

- January, May & August

## DURATION

2.42 Years (7 Semesters)

## STUDY MODE & DELIVERY METHOD

Full Time studies delivered through:

- Lectures
- Tutorials
- Industrial training



## COURSE STRUCTURE

### Year 1

- Paramedic Anatomy
- Paramedic Physiology
- General Pharmacology
- Pathophysiology and Communicable Diseases
- Introduction to Emergency Medical Services
- Patient Assessment
- EMS Clinical Training 1
- EMS Operations
- EMS Communication and Documentation
- Fundamental English 1
- Fundamental English 2
- Pengajian Malaysia (Malaysian Studies)
- Entrepreneurship

### Year 2

- Patient Assessment
- Medical Emergencies 1 & 2
- Trauma Management 1 & 2
- EMS Clinical Training 2 & 3
- Disaster Management
- EMS Life Support
- Assessment Based Management 1 & 2
- Ambulance Operations
- Perlembagaan dan Masyarakat Malaysia (Constitution & Malaysian Society)
- Young Mercy
- IT & Applications

### Year 3

- EMS Clinical Training 4 & 5
- Incident Command Training

## ENTRY REQUIREMENTS

Sijil Pelajaran Malaysia (SPM)

- Pass with a minimum of 3 credits OR

Other equivalent qualifications recognized by the University Senate



# THE CUCMS ADVANTAGE

- 1 A Decade of Teaching Experience**  
With over 10 years of experience in providing quality tertiary education, CUCMS has a robust, industry relevant curriculum taught by dedicated healthcare experts.
- 2 A Top Tier University**  
Rated as a Tier 5, (Excellent) institution by the Malaysian Qualifications Agency, we also boast a SIRIM ISO 9001:2008 QMS certification further ensuring a high quality education experience.
- 3 A Network of Successful Graduates**  
Over 1500 successful healthcare professionals have graduated with us. At CUCMS you will be part of a growing alumni of professionals who are contributing to the advancement of the healthcare industry.
- 4 Comprehensive Range of Programmes**  
We offer over 20 healthcare programmes including postgraduate studies that opens up a range of career options in the healthcare industry ensuring a bright and fulfilling future.
- 5 Fully Equipped Campus**  
Here you will find a modern, green-friendly, campus at the heart of Cyberjaya, Malaysia's Smart City with fully equipped research laboratories, comprehensive library collections and student support facilities to ensure a conducive learning environment.
- 6 High Degree of Student Empowerment**  
Students are empowered to achieve greater personal growth and success through volunteerism, humanitarian activities and extra-curricular society such as Young Mercy (in collaboration with MERCY Malaysia).
- 7 Student-Centered Team-Based Learning**  
Our teaching model creates an environment of active personal participation and involvement in group learning such as problem-based-learning (PBL) sessions that enhances positive teamwork and leadership.
- 8 Affective Domain Training**  
We provide a holistic learning experience that emphasizes on reflection sessions, peer, self and mentor feedback and folio records to ensure an all rounded nurturing of graduates.
- 9 Real World Experience**  
We have formed strategic alliances with the Malaysian Ministry of Defense, Ministry of Health and other international healthcare institutions to allow use of their excellent facilities in clinical trainings.
- 10 Research Partnerships**  
Our academicians have been active researchers, regularly contributing to the growing body of knowledge through research collaborations with leading partner universities and renowned pharmaceutical companies in Malaysia.



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BR/DPS/25022016

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