



MAHSA
UNIVERSITY



DIPLOMA IN
**DENTAL
TECHNOLOGY**

KPT/JPS (R3/724/4/0006) (MQA/FA3690) 01/27

**FACULTY
OF DENTISTRY**



OVERVIEW

Dental Technologists are valuable members of the Dental Care team. They perform laboratory functions related to the clinical treatment of patients. They receive instructions from Dental Surgeons by following written prescriptions and using impressions of the patients' teeth or soft tissues to create Full Dentures, Crown, Bridges or Orthodontic appliances. They often assess the needs of patients alongside the Dental Surgeon in the clinic.

MAHSA University offers a Diploma course that is to the standard and quality of the Malaysia Qualifications Agency (MQA). The training is professionally supervised in clinics equipped with state-of-the-art laboratories with an up-to-date curriculum, modern equipment and facilities, and a conducive study environment. The course produces Dental Technologists skilled and competent in laboratory functions supporting the Dental Surgeons in the clinical management of patients.

PROGRAMME OBJECTIVES

This programme aims to produce Dental Technologists with the highest level of skill in dental laboratory technology work, possess current knowledge, act with professionalism, are effective communicators, are of good conduct, ethical and safe.

METHODS OF TEACHING

Lectures, Tutorials, Laboratory Sessions, Seminars, Problem-Based-Learning (PBL). Clinical Visits to External Clinics and Assignments.

“

Dental Technologists are valuable members of the dental care team providing for the need of the patient alongside the dental surgeon.

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PROGRAMME STRUCTURE

YEAR 1

SEMESTER 1	CREDIT HOUR	SEMESTER 2	CREDIT HOUR
<ul style="list-style-type: none"> English for Academic Purposes Bahasa Melayu Komunikasi 1 Pengajian Malaysia 2 Creative and Critical Thinking Time Management Student Development <ul style="list-style-type: none"> Communication Skills Discipline & Integrity Honesty & Interpersonal Relationship 	2 3 3 2 2 1	<ul style="list-style-type: none"> Basic Medical Sciences <ul style="list-style-type: none"> Anatomy & Physiology Dental Anatomy Oral Pathology Microbiology Infection Control & Safety and Hazards Basic Life Support 	3
SEMESTER 3	CREDIT HOUR	SEMESTER 4	CREDIT HOUR
<ul style="list-style-type: none"> Dental Prostheses and Appliances <ul style="list-style-type: none"> Dental Materials Complete Denture Prosthetics 	2	<ul style="list-style-type: none"> Dental Laboratory and Techniques <ul style="list-style-type: none"> Manipulation of Dental Materials Tooth Carving Fabrication of Complete Denture 	22

YEAR 2

SEMESTER 1	CREDIT HOUR	SEMESTER 2	CREDIT HOUR
<ul style="list-style-type: none"> Co-Curricular Project Dental Prostheses and Appliances <ul style="list-style-type: none"> Dental Materials Removable Partial Denture Fixed Prosthodontics Maxillofacial Prostheses Orthodontics Repair & Maintenance 	1 4	<ul style="list-style-type: none"> Dental Laboratory and Techniques <ul style="list-style-type: none"> Fabrication of Removable Partial Denture Fabrication of Orthodontic Appliances Fabrication of Crown & Bridge (Interim) Fabrication of Maxillofacial Prostheses Clinical Laboratory Practice 	24

YEAR 3

SEMESTER 1	CREDIT HOUR	SEMESTER 2	CREDIT HOUR
<ul style="list-style-type: none"> Ethics and Jurisprudence <ul style="list-style-type: none"> The Dental Act Ethics in Dental Practice including consent 	1	<ul style="list-style-type: none"> Oral Health Services <ul style="list-style-type: none"> The role DT in Oral Health Care Patient Education Radiation Act Hospital Dentistry Managing Dental Records 	1
SEMESTER 3	CREDIT HOUR	SEMESTER 4	CREDIT HOUR
<ul style="list-style-type: none"> Dental Prostheses and Appliance <ul style="list-style-type: none"> Fixed Prosthodontics Orthodontics 	2	<ul style="list-style-type: none"> Dental Laboratory and Techniques <ul style="list-style-type: none"> Fabrication of Crown & Bridge Fabrication of Orthodontic Appliances Clinical Laboratory Practice Dental Store and Supply Clinical Chirside Practice 	24

**COURSE
DURATION**

FULL-TIME
Three (3) years



ENTRY REQUIREMENTS

Academic Qualifications

SPM/ O-Levels

or

Other Qualifications

Requirements

- SPM / O-Level / Other equivalent qualifications approved by MQA; Pass with 5 credits in Bahasa Melayu, Mathematics, Science & 2 other subjects.
- Other equivalent qualifications recognised by the Malaysian Government.

CAREER OPPORTUNITIES FOR DENTAL TECHNOLOGIST

Employment opportunities can be found in the public and private sectors and include:

- Dental Technologist in Government Dental Clinics
- Dental Technologist in the Armed Forces
- Manager / Dental Technologist in Companies (Industry Manufacturing Dental Prosthetic Materials)
- Dental Technologist in Universities / Teaching Institutions

Dental Technology is a global profession. Dental Technologist is a registered profession under allied health professionals' division of MOH. Internationally, there is a high demand for skilled Dental Technologist.

The laboratories provide bulk of the work for the Private Dental Industry. Besides that, there are no barriers to becoming self-employment. The areas within the profession are diverse, with individuals specializing in different areas of Dental Technology.

PROGRESSION PATHWAY



ADVANTAGES

- Internship Training on Digital Dentistry
- In-Campus interview with Private Laboratories during final year of studies

MAHSA's PASSPORT

TO SUCCESS



Professional Industry-Driven Education (P.R.I.D.E) is MAHSA University's specially designed education pathway that give students the best of both academic and professional certifications. Students have the opportunity to gain professional skills through various programmes from MAHSA's collaborations with internationally recognised professional bodies. P.R.I.D.E increases the employability rate of our fresh graduates and puts them on par with the rest of the professional world.

MASTERCLASS

Students of this programme are eligible to gain add-on certification in Master Classes. There are more than fifty Master Classes to choose from, and all are designed to further enhance the student's employability, in line with the Industrial Revolution 4.0.

MOBILITY PROGRAMME

This is a unique opportunity for students to study abroad for up to one year in a foreign country. This study abroad programme lets students experience different cultures and

PROFESSIONAL COURSES

Through MAHSA's collaboration with internationally recognised professional bodies, students will be earn certifications that will enhance their professional skills and increase their employability rate.

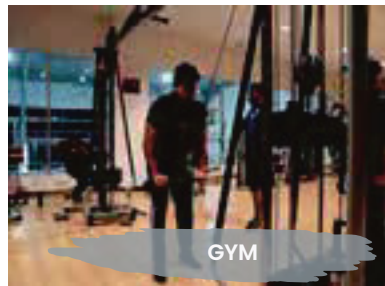


practices from around the world. Ask us about our university partners in over fifty different countries.

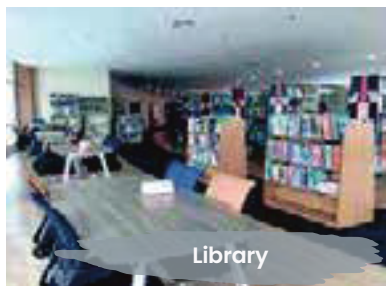
MAHSA BE MORE



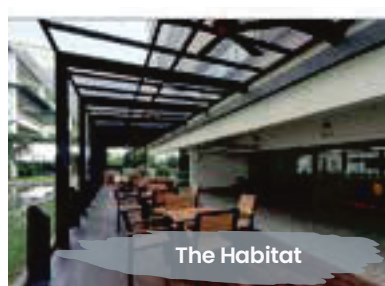
Sports Complex



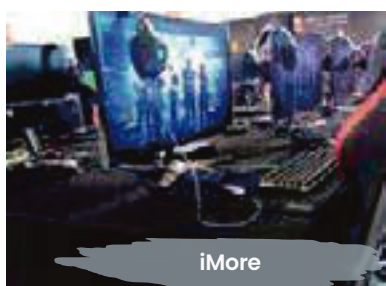
GYM



Library



The Habitat



iMore



Residences



MAHSA UNIVERSITY

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