



Introduction

Mechanical Engineering Technology (Plant) programme aims to develop understanding of the plant engineering, technology, processes and plant maintenance. Furthermore, the programme will prepare graduate with knowledge, problem solving ability and skills to enter into the respective careers in plant related industries especially in oil and gas and any plant process generally. The rapid growth of industrial technology in Malaysia and globally gives rise to the great demand for plant managers, technologists, instruments and safety engineers, researchers and academician.



For more enquiries



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KEMENTERIAN
PENDIDIKAN
MALAYSIA



UTHM
Universiti Tun Hussein Onn Malaysia



Bachelor of Mechanical Engineering Technology (Plant) with Honours

Accredited by



MQA
Agensi Kelayakan Malaysia
Malaysian Qualifications Agency



Universiti Tun Hussein
Onn Malaysia
Is Rated as a **Five-Star Institution**



Programme Outline

The programme will provide student with a broad knowledge and in-depth understanding of the following:

- Fundamental to plant engineering
- Process thermodynamics
- Process Technology
- Process safety
- Pressure vessel
- Piping engineering
- Field instruments and control

Programme Educational Objectives

- ✓ Graduates who will practice with strong fundamental and current knowledge in Mechanical Engineering Technology in line with industrial development specializing in plant.
- ✓ Graduates who will engage in activities related to Mechanical Engineering Technology with technical competency kept abreast with current technological development specializing in plant.
- ✓ Graduates who has the ability to participate in activities for continuous self-development and societal betterment grounded with ethical and professional standards..

Programme Structure

Bachelor of Mechanical Engineering Technology (Plant) with Honours

Duration: 4 years

	Year 1	Year 2	Year 3	Year 4
Sem 1	Academic	Academic	Academic	Academic
Sem 2	Academic	Academic	Academic	Industrial Training

Entry Requirements

Sijil Tinggi Persekolahan Malaysia (STPM)

Pass STPM with at least grade C (NGMP 2.00) in the followings:

- 1) Further Mathematics AND Physics
OR
- 2) Further Mathematics AND Chemistry/Biology (with at least grade C in Physics for SPM)

Matriculation (Science/Engineering/Technical)

Pass Matriculation with at least grade C (NGMP 2.00) in the followings:

- 1) Mathematics AND Physics
OR
- 2) Mathematics AND Chemistry/Biology (with at least grade C in Physics for SPM)

Diploma (Engineering/Technology)

Pass Diploma with the following:

- 1) CPA/PNGK 2.50
OR
- 2) CPA/PNGK 2.30 with at least 2 years working experience
OR
- 3) Pass Diploma Kemahiran Malaysia (DKM)/ Diploma Lanjutan Kemahiran Malaysia (DLKM) in Mechanical Engineering or Technology from Institusi Latihan Awam (ILA) with minimum of CPA/PNGK of 3.00/ Grade B/ >80% marks

Other requirements

- 1) English in SPM (with at least grade E)
- 2) MUET (with at least band 2)
- 3) Not blind/deaf/lame/paralyse which consequently result in difficulty performing laboratories



Career Opportunity

Plant designer
Plant constructor
Safety engineer
Process piping engineer
Manager/Project manager
Instruments engineer
Maintenance engineer
Production manager
Marketing/sales executives
Research officer (R&D)
Academician

UTHM PRODUCES PROFESSIONALS



University-Industry-Institution Networking

