

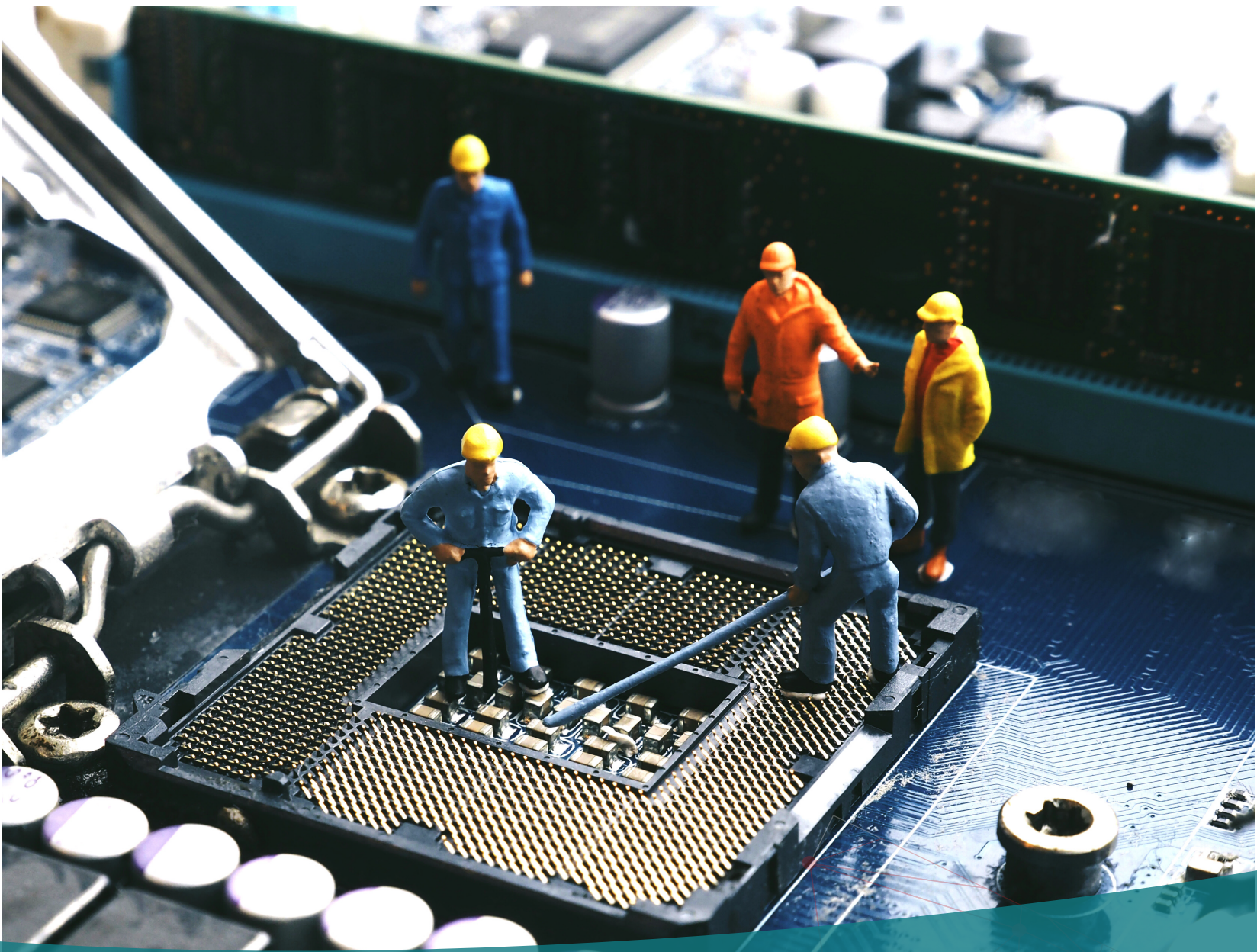
# BACHELOR OF ENGINEERING (HONS) IN ELECTRICAL AND ELECTRONIC ENGINEERING

KPT/JPS(R/523/6/0144)(MQA/FA3660)08/25



MAHSA  
UNIVERSITY

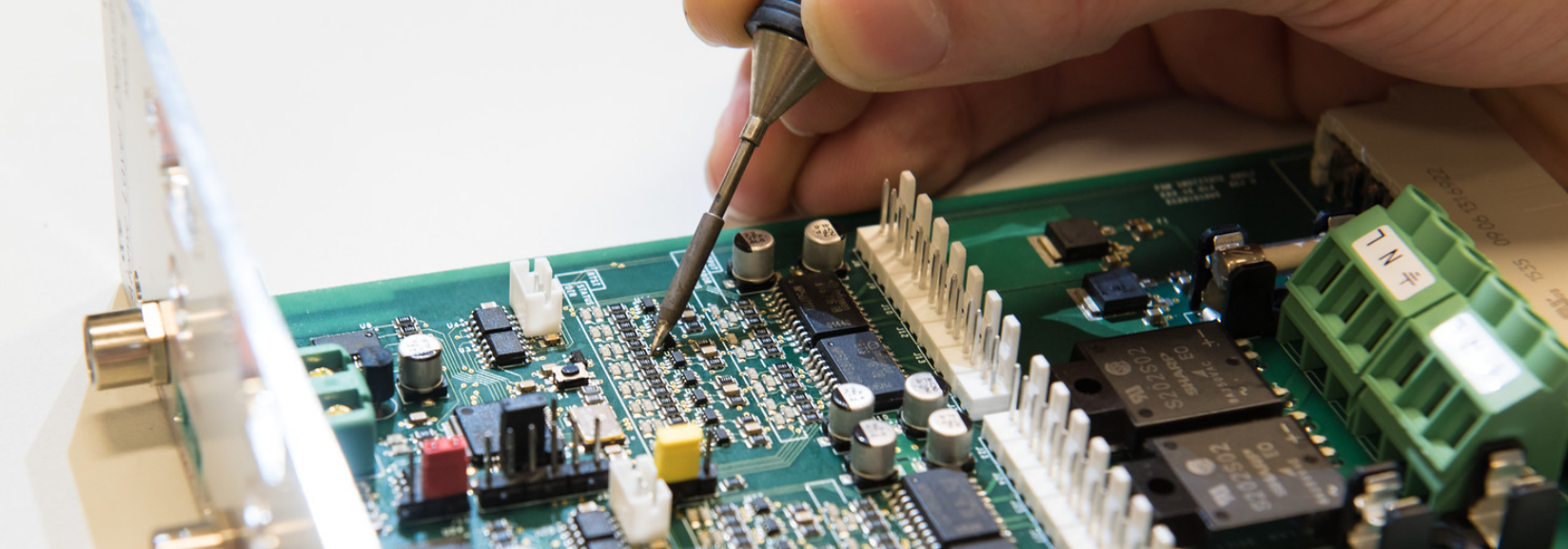
FACULTY OF ENGINEERING AND INFORMATION TECHNOLOGY



"Engineering is the professional art of applying science to the optimum conversion of the resources of nature to the uses of humankind."

- ASCE



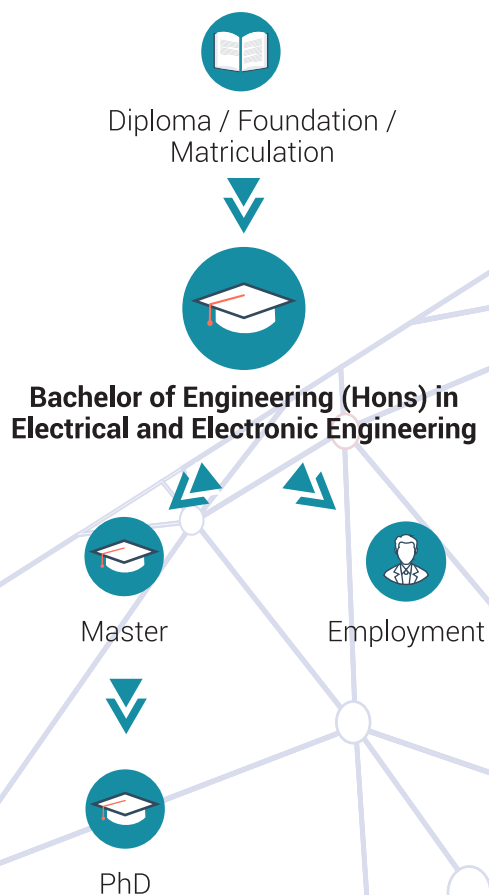


MAHSA's Bachelor of Engineering (Hons) in Electrical and Electronic Engineering is a four-year specialised undergraduate programme that will prepare students for a wide range of careers in Electrical and Electronic, one of the major platforms of the world's biggest industries.

Students will learn about electronic components and electrical systems, communications systems and networks, power electronics, physical electronics, electrical science, engineering mathematics, computer and digital logic, circuit theory, circuit analysis and design, integrated circuit design, embedded systems, electric drive and electric power systems, digital electronics, microwave design, and radio frequency.

Upon completion of the programme, students will have empowered themselves with the knowledge to succeed in an engineering career in any activity, including software development, project management, consultancy and programming, in any industry in the country or internationally.

## PROGRESSION PATHWAY



## MAHSA360



During their time at MAHSA University, we want to provide all of our students with the opportunity to develop qualities, skills and understanding that go beyond the disciplinary expertise and prepare them for the next steps in their chosen careers.

MAHSA360 is the ecosystem that works to ensure every single student is nurtured and supported throughout the student journey.

## ACCREDITATION





# PROGRAMME STRUCTURE



# ENTRY REQUIREMENTS

Academic Qualification

Diploma / Matriculation / Foundation

STPM

A-Level

UEC

Other

English Proficiency

Requirements

Related field pass with minimum CGPA 2.0

Pass with minimum Grade C and above in Mathematics and Physical Science

Pass in two subjects including Mathematics and any one Physical Science subject

Pass with Grade B in 5 subjects including Mathematics and any one Physical Science subject

Recognised Malaysian qualifications or their equivalent

MUET	IELTS	TOEFL
Band 2	5.0	500

# CAREER OPPORTUNITIES

- Design Engineer
- Electrical Engineer
- Electronics Engineer
- Optical Engineer
- Power Engineer
- Power Plant Engineer
- Product Engineer
- QA/QC Engineer
- R&D Engineer
- Sales Engineer
- Support Engineer
- Transmission Engineer





Library



The Habitat



Football Field



Residences



Student Success Centre



Global Business Centre

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MAHSA University



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