

Student Activities & Recreation

At AIMST, we encourage students not only to excel academically but also to participate in extra-curricular activities, including participation in student clubs and societies as well as sports activities. Students may also register new organizations by contacting the Student Affairs Division.

The sports and recreational facilities available include:

- Badminton court
- Gymnasium
- Running track
- Olympic-sized swimming pool
- Basketball/hotball court
- Volleyball court
- Six-a-side hockey field
- Five-a-side football field
- Aerobics/yoga room
- 400-metre track
- Tennis/squash room
- Mosque & Prayer rooms

In addition, there is a purpose-built Student's Activities Room as well as a comfortable Students' Study Area.

Healthcare

The AIMST on-campus Student Healthcare Clinic is open to provide routine medical care for students and staff alike.



Student Affairs & Accommodation

The Student Affairs Division is responsible for catering to the needs and welfare of students and covers all aspects related to student development. The Student Affairs Officers will assist in making arrangements for hostel facilities for out-of-town and overseas students. In addition, it oversees development and management of student activities via societies and clubs and through events such as sports, cultural and debating activities.

Food

AIMST cafeteria caters for staff and students. Our cafeteria serves both vegetarian and non-vegetarian (halal) food. We have a wide selection of dishes on the menu, which includes delectable local and western cuisine.

International Office

Our International Office provides several services for overseas students, some of which are:

- Visa/Student pass application
- Arranging for student permits
- Establishing contact with embassies
- Organizing approvals from relevant authorities
- Counseling
- Advice on financial aid resources

Admission

Malaysia

- 1-passport size photograph
- Certified true copy of Identification card
- Certified true copy of all academic examination certificates (e.g SPM/STPM/A-LEVEL)
- Processing fee: RM 100* (non-refundable) payable to "AIMST SDN. BHD. REV ACCOUNT"

International

- 8-passport size photographs
- Certified true copy of passport
- Certified true copy of all academic examination certificates
- Processing fee: USD 150* (non-refundable) payable to "AIMST SDN. BHD. REV ACCOUNT"

AIMST PROGRAMMES

Foundation Programmes

- Foundation in Science KPT (UPSY) (R0101/03/14) 07/18
- Foundation in Business KPT (UPSY) (R0101/03/14) 07/18

Diploma Programmes

- Diploma in Nursing KPT (UPSY) (MQAFA 3089) 04/18
- Diploma in Physiotherapy KPT (UPSY) (A7211) 11/16
- Diploma in Electrical & Electronic Engineering KPT (UPSY) (A7448) 02/17

Undergraduate Programmes

- Bachelor of Medicine & Bachelor of Surgery (MBBS) KPT (UPSY) (A0288) 01/14
- Bachelor of Dental Surgery KPT (UPSY) (MQAFA 3470) 11/14
- Bachelor of Pharmacy (Hons) KPT (UPSY) (A1171) 07/15
- BSc (Hons) in Biotechnology KPT (UPSY) (A1083) 07/15
- Bachelor of Physiotherapy (Hons) KPT (UPSY) (MQAFA 1182) 03/18
- BEng (Hons) in Electrical & Electronic Engineering KPT (UPSY) (R0235/00075) 02/14
- BSc (Hons) in Management Information Systems KPT (UPSY) (A4795) 06/15
- BSc (Hons) in Business & Marketing KPT (UPSY) (A4796) 06/15
- BSc (Hons) in Finance & Management KPT (UPSY) (A4797) 06/15

Postgraduate Programmes

- MSc in Biotechnology KPT (UPSY) (A4623) 02/15
- MSc in Human Anatomy KPT (UPSY) (A1339) 06/15
- MSc in Medical Physiology KPT (UPSY) (A1340) 04/15
- MSc in Medical Biochemistry KPT (UPSY) (A1341) 03/15
- MSc in Medical Microbiology KPT (UPSY) (A1342) 11/15
- MSc in Management KPT (UPSY) (MQAFA 2847) 05/18
- MBA in Health Care Management KPT (UPSY) (A1182) 07/15
- PhD in Biotechnology KPT (UPSY) (A1343) 02/14
- PhD in Management KPT (UPSY) (MQAFA 2850) 05/18



For further information on courses and registration procedure, please contact:

Student Recruitment Division

Campus

AIMST University
Semeling, 08100 Bedong, Kedah Darul Aman, Malaysia.
D/L: (6) 04-429 8108/8180 G/L: (6) 04-429 8000
F: (6) 04-429 8009 E: choose@aimst.edu.my

Kuala Lumpur Office

1st Floor, Menara Manickavasagam,
No.1, Jalan Rahmat, 50350 Kuala Lumpur, Malaysia.
T: (6) 03-4042285 F: (6) 03-4045 6377

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Electrical & Electronic Engineering

Awarded:



Partner Universities:



Accredited by:



Approved by:



Industry Panels:



AIMST UNIVERSITY

Educating Tomorrow's Leaders
www.aimst.edu.my

AIMST reserves the right to modify or cancel any statement in the guide, and accepts no responsibility for the consequences of such modification. All information is correct at the time of printing.

The University

AIMST is a Science and Technology based University and the first in Kedah Darul Aman. It offers a world class education in which teaching is provided to students in an atmosphere of research. The decision to embark on engineering studies at AIMST represents a rewarding investment in your future career. AIMST offers a friendly and conducive atmosphere to encourage interactive learning.



Foundation In Science (KPT (JPS)/ (A9160) 07/18)

Students enrolled in the Foundation in Science programme leading to a degree programme in Engineering are required to study the following subjects:

Physics, Chemistry, Mathematics 1, Information Technology Studies and English.

Entry Requirements

5 credits in any subject in SPM/GCE O-Levels exams or equivalent including Mathematics and 2 Science subject.

Diploma In Electrical & Electronic Engineering (KPT(JPS)/ (A7448)02/17)

AIMST diploma programme is an industry based course with adequate theory and practical exposure in the area of electrical and electronics engineering. Students are assessed by course work and final examination. Course work include laboratory reports, assignments and mid semester examination. Industrial training and project work is compulsory and forms part of this course. Career opportunity includes technicians in power stations, semi conductor fabrication industry, telecommunication systems, embedded systems etc.

Entry Requirements

SPM or equivalent with min 3 credits including Mathematics, any 1 Science subject and a pass in English.

Mode of Studies & Duration

Full time: Min. 2 ½ years, Max. 4 ½ years
Part time: Min. 3 years 8 months, Max. 5 years 8 months



B.ENG (Hons) in Electrical & Electronic Engineering (KPT (JPS)/ (R/523/6/0075) 02/14)

Electrical and Electronic Engineering has rapidly penetrated into many diverse areas such as power Generation and Distribution, Process Control and Automation, VLSI Design, Manufacturing and Computer Engineering. The present day electrical and electronic industries demand highly skilled engineers and technicians to design, manufacture, commission and maintain the equipment. Our Electrical and Electronic Engineering degree programme provides an educational competence to match the requirements of modern day industries.

The availability of jobs for the engineering graduates is at an all time high. Some of the exciting career opportunities both in government and private sectors include Operations, Maintenance, Design, Research, Teaching and Project Management in areas such as: Electrical Power, Space Systems, Electric Traction, Communication Systems, Chip Design, Aerospace, Consumer Electronics, Radar Embedded Systems, Antennas, Computers, Medical Instrumentation, Lasers and Electro-optics.

Engineering Programmes at AIMST

Engineers have created the modern technology and structures in which we live. Engineering is therefore challenging and creative, hard work but fulfilling. The Faculty prides itself on the industrial relevance of its programmes, placing emphasis on the blend of taught knowledge along with student-centered problem solving exercises.

Academic study combined with individual and group research projects prepare students for the professional practice of engineering. They are also taught modules on technopreneurship which give the programmes a distinct marketable appeal. We have a policy of continually updating machinery and software reserved for use by students. All students in the faculty undergo compulsory industrial training which will also expose them early to the needs of industry and commerce. It is the blend of working with industry and the community that is the hallmark of the University's educational philosophy. AIMST is establishing an ongoing synergy with industry, commerce and other organizations in both the private and public sectors to create skilled workforce for the future.



Entry Requirements

A-Levels/STPM

C, C in 2 subjects including Mathematics & Physics

AIMST Foundation/ Recognized Foundation

C, C, C in 3 subjects including Mathematics & Physics.
(GPA for grade C must be at least 2.0)

Government Matriculation

CGPA \geq 2.0. (Subjects taken must include Mathematics & Physics)

Diploma in related field from recognized polytechnics/institutions

CGPA \geq 2.0

Other Qualifications

Will be assessed on a case-by-case basis.



Modules	Electrical & Electronic Engineering
Engineering Mathematics 1A	✓
Electrical Circuits	✓
Electronic Devices	✓
Engineering Mathematics 1B	✓
Digital Circuits & System Design	✓
Measurements & Instrumentation	✓
Programming Technique	✓
Engineering Mathematics 2A	✓
Electronic Circuits	✓
Electromagnetic Fields & Waves	✓
Engineers & Society	✓
Control Systems	✓
Communication Systems	✓
Electrical Machines I	✓
Microprocessor & Microcontroller	✓
Linear Circuit Electronics	✓
Electrical Machines II	✓
Signal Systems	✓
Digital Signal Processing	✓
VLSI Design	✓
Power System Analysis	✓
Power Electronic & Drives	✓
Embedded System Design	✓
Energy Conversion & Power Delivery	✓
High Voltage Engineering	✓
Electrical Power Distribution & Utilization	✓
MEMS	✓
Robotics & Automation	✓

**Compulsory language and other University courses are not listed
Note : The course structure is subject to change based on the stake holder's inputs/feedback*

Student Services & Activities

AIMST pledges to provide the best range of services and facilities to meet the needs of its students. We have a range of specialized services ready to assist and support them during their time at AIMST. Our Student Affairs Officers assist students in accommodation arrangements, transportation and even help organize extra-curricular activities for them.

Financial Aid

The University assists in obtaining financial aid for students through a number of agencies. All degree students are eligible to apply for the PTPN loan. In addition, AIMST students are also eligible for the AIMST arranged bank loans.

**Terms & Condition apply*

Student Counselling & Support Services

On-campus counseling service aims to contribute to the welfare and the well being of the student population. Our professionals cater to individuals and groups, career advisory services and disability support.

Student Affairs & Accommodation

The Student Affairs Division is responsible for catering to the needs and welfare of students and covers all aspects related to student development. The Student Affairs Officers will assist in making arrangements for hostel facilities for out-of-town and overseas students. Moreover, this division also offers free transportations to students staying in hostels. In addition, it oversees development and management of student activities via societies and clubs and through events such as sports, cultural and debating activities.

Healthcare

The AIMST on-campus Student Healthcare Clinic is open to provide routine medical care for students and staff alike.

