جامعة عجمان
AJMAN UNIVERSITY

COLLEGE OF ENGINEERING & INFORMATION TECHNOLOGY

ENGINEERING AND
INFORMATION TECHNOLOGY

The first step towards achieving your dreams is choosing the right education.

Ajman University

" **MAKING DREAMS HAPPEN** "

Fees per Credit Hour/
Year for Accredited Degree
Programs
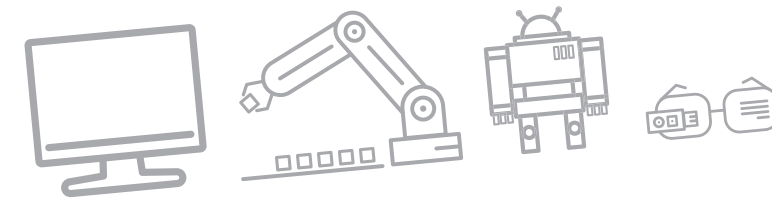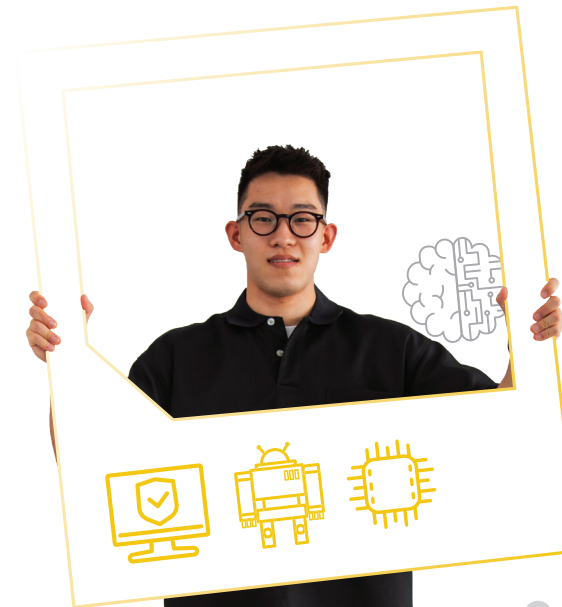
Scholarship
and Financial
Aid

More about
the College

Accredited by:

ABET
Engineering
Accreditation
Commission

وزارة التربية والتعليم
MINISTRY OF EDUCATION

Offered Programs	Admission Requirements U.A.E Secondary School (Certificate or its equivalent)	Duration (Credit Hours)	Career Opportunities
B.Sc. in Electrical Engineering • Instrumentation and Control • Electronics and Communication • Power and Renewable Energy	Minimum overall of 75% (Elite Stream) OR 80% (Advanced Stream)	4 Years (142 Cr. Hrs.)	Electronics and Computers, Automation and Manufacturing, Security Control Systems, Product Design and Development, Telecommunication, Power Generation and Distribution and Renewable Energy System Design.
B.Sc. in Biomedical Engineering		4 Years (141 Cr. Hrs.)	Maintenance of Healthcare Facilities, Manufacturer Representatives Sales of Biomedical Equipment, Design, Development and Consultancy of Biomedical Equipment.
B.Sc. in Civil Engineering		4 Years (141 Cr. Hrs.)	Structural Engineering, Transportation, Traffic and Highway Engineering, Geotechnical Engineering, Environmental and Water Engineering.
B.Sc. in Computer Engineering		4 Years (140 Cr. Hrs.)	Computer Hardware and Software Development, Information Systems and Computer Networks, and Computer Services of Public Administration.
B.Sc. in Mechanical Engineering		4 Years (141 Cr. Hrs.)	Power and Energy, Automation and Manufacturing, Aerospace and Transportation, Services and Logistics, Building and Construction, and Healthcare and Medical Equipment.
B.Sc. in Information Technology • Networking and Security	Minimum overall of 60% (Elite Stream) OR 70% (Advanced Stream) OR 80% (General Stream)	4 Years (123 Cr. Hrs.)	IT Resource Management, Network Administration, Network Security, Design and Implementation of Network Solutions, IT Project Management, and IT Consultancy.
B.Sc. in Data Analytics		4 Years (123 Cr. Hrs.)	Data Analysis, Big Data Engineering, Business Intelligence Analysis, and Information Management.
B.Sc. in Information Systems • Project Management • E-Business Management	Minimum overall of 60% (Elite /Advanced Stream) OR 70% (General Stream)	4 Years (123 Cr. Hrs.)	Commerce, Finance, Computing and Telecommunication, Health Facilities, Government Services, Education and Research Organizations.
M.Sc. in Artificial Intelligence	Bachelor's Degree in Computer Science or a directly related discipline with a minimum CGPA of 3.0/4.0	2 Years (30 Cr. Hrs.)	Development and implementation of AI technologies in public, governmental, private, and military sectors. Scientific Research in various AI-related fields, industries and organizations.

The Emirates Standardized Test (EmSAT) Requirements:

• Admission to all offered Bachelor programs in the College of Engineering requires:
  - EmSAT in English Language with a score of 1100 or an equivalent English Proficiency Test approved by MOE.
  - EmSAT in Arabic Language with a score of 600. (Except Data Analytics, Information Technology, and Information Systems programs)
  - EmSAT in Mathematics with a score of 900 or equivalent. (Except Data Analytics, Information Technology, and Information Systems programs)
  - EmSAT in Physics with a score of 800 or equivalent. (Except Data Analytics, Information Technology, and Information Systems programs)

• Admission to M.Sc. in Artificial Intelligence requires an EmSAT in English Language with a score of 1400 or an equivalent English Proficiency Test approved by MOE.