

Academic Programmes

The department offers the following programs:

- BSc in Mechanical Engineering
- BSc in Petroleum Engineering

Post Graduate Programmes

i. MSc In Mechanical Engineering is offered in the following areas of Specialization:

- Advanced thermo fluid engineering
- Advanced applied mechanics
- Industrial engineering
- Material science and metallurgical engineering

ii. MSc In Energy Management (Evening programme)

iii. Post Graduate Diploma In Energy Management (Evening programme)

PhD Programmes are offered in the Following Thematic Areas:

- Solid and structural mechanics
- Mechanics of machines and engineering design
- Thermodynamics and fluid mechanics
- Material science and engineering
- Industrial engineering, management and manufacturing

Admission Requirement into Doctor of Philosophy Degree

Holder of a master of science in mechanical engineering from the university of Nairobi or other equivalent qualification from institution recognized by University of Nairobi

ADMISSION REQUIREMENTS INTO POST GRADUATE PROGRAMMES: MSC IN MECHANICAL ENGINEERING

Common regulations for masters' degrees, of university of Nairobi shall apply. Admission to MSc degree in mechanical engineering is open to: Upper second class honours in mechanical engineering or an appropriate branch of engineering from the University of Nairobi or an equivalent qualification from recognized university. Candidates with other appropriate education qualifications and professional experience may also be considered on a case by case basis.

Admission Requirement for BSc Programmes,

The Following Will Be Eligible To Apply For BSc Mechanical Engineering

K.C.S.E applicant or equivalent: for K.C.S.E holders a minimum aggregate of c+. Additionally a grade of c+ in each of the cluster subject, as follows

Physics
Mathematics
Chemistry
Any Group IV Subject

GROUP IV SUBJECTS

Building Construction , Power Mechanics, Agriculture, Woodwork, Metalwork, Computer Studies ,Electrical, Drawing and Design, Aviation Technology

- Advanced Level Certificate Holder: A Minimum Of 2 Principal Passes In Mathematics and Physics and a Subsidiary Level Pass in Chemistry
- Higher National Diploma (HND) or Equivalent: Candidates with Higher National Diploma in Mechanical Engineering
- Ordinary Diploma or Equivalent: Candidates with a Credit Pass
- Diploma from Science/Technical Teachers Training Colleges. Candidates From Teaches Training College with a Science Diploma in Mathematics and Physics
- B.S.C/B.E.D (Science) Degree or any other Relevant Degrees Candidate with Bachelor of Science or Education Degree (In physics and mathematics) from recognized or any other relevant degree from recognized institutions
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Fee Structure for Undergraduate (Self Sponsored)

Tuition Fee per Programmes Will Be Kshs 160,000 per Academic Year

Administrative Fee Include

Registration	1000/= P.a
Student Identity Card	500/= P.a
Caution Money	5,000/= (Refundable)
Activity Fee	2000/= P.a
Examination Fee	5,000/= P.a
Student Organization	1,000/= P.a
Medical Fee	5,000/= P.a
Computer Lab	5,000/= P.a
Library Fee	2,000/= P.a
Lab Fees	2,000/= P.a

Fee Structure for Post Graduate Diploma in Energy Management

1st Semester	105,500
2nd Semester	114,000
Total	230,500

Fee Structure for Master of Science in Energy Management

Year 1	1st Semester	2nd Semester	Project	Total
	155,500	120,000	110,500	386,000

Fee Structure for Master of Science in Mechanical Engineering

Year 1	204,500
year 2	79,500
Total	284,000

Career Opportunities

- Manufacturing and Processing Industries
- Government Institutions-All Ministries, Police Service, Defence Etc.
- Parastatals Organizations-KP A, KENYA AIRWAYS, KENGEN, KPLC, KEBS, Etc.
- Private Sector-Banks, Audit Firms, Engineering Consultants Hotels, Airlines, Etc.
- Research Institutions- KIRDI, Universities, Etc.

CONTACT CHARMAN

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Main Campus 3rd Floor
Mechanical Engineering Building, Harry Thuku Road



University Of Nairobi

Department of Mechanical and Manufacturing Engineering



Mechanical Engineering Building, University Of Nairobi

Our Vision

To be a Leader in the generation and dissemination of knowledge and skills in the discipline of Mechanical and Manufacturing Engineering towards industrial development for the benefit of the Kenyan people and the region as a whole

Our Mission

To be center of excellence in undergraduate and post graduate education and training in Mechanical and Manufacturing Engineering

Location

Department of Mechanical and Manufacturing Engineering is located along Harry Thuku road directly opposite main administration building of the University Of Nairobi

Information Brochure

2017

A World Class University Committed To Scholarly Excellence
ISO 9001:2008 Certified