

# Advantages of the programme

The main advantage of this programme is its contribution to create better job opportunities for graduates through:

- Focusing on the needs of the industry
- The participation of industry
- Modules are given in shorter training periods



## Admission Requirements

Minimum qualification D+ or equivalent

NOTE You will be awarded an **internationally benchmarked certificate** upon successful completion of the programme.

## CONTACT INFORMATION

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**TECHNICAL UNIVERSITY OF KENYA**  
Education and Training for the Real World

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**Are you ready  
for the job market?**

**INTERNATIONALLY, BENCH-MARKED  
TRAINING TO PREPARE YOU FOR  
INDUSTRY**

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## FIELDS

**Welding**  
**Heavy Machinery Operation**  
**Mechanical Technology**  
**Instrumentation**



## DESCRIPTION

The overall objective of the training is to create access to jobs and economic opportunities for local people in Eastern Africa. The training aims to prepare and to qualify the local population for upcoming job opportunities through competence based demand driven training delivered by the Technical University of Kenya in close cooperation with the private sector.

The training will be given in modules of approximately 3 months theory-practice at the university, and 3 months industry skills training in companies.

The training modules on offer include:

- Welding
- Heavy Machinery
- Instrumentation and Control
- Mechanical Technology

Generic skills that cut across all areas include: Health and Safety, Work Ethics, Basic firefighting and First Aid, Drawings, Measurements and Calculations.

## WELDING



### TRAINING MODULE

#### MANUAL ARC WELDER FOR MILD STEEL

- Hand and power tools for welding
- Weld mild steel work pieces in all positions

### FEES

Application Fee:	Kshs 2000
Total Fees:	Kshs 47,000 (3 months theory-practice) Kshs 36,000 (3 months industry training)

## INSTRUMENTATION



### TRAINING MODULE

#### SIMPLE AUTOMATION CONTROL INSPECTOR

- Basics for I&C, Electrical and Electronic Equipment
- Stand- alone controllers

### FEES

Application Fee:	Kshs 2000
Total Fees:	Kshs 47,000 (3 months theory-practice) Kshs 36,000 (3 months industry training)

## HEAVY MACHINERY



### TRAINING MODULE

#### EARTH MOVING EQUIPMENT OPERATOR

Specialization Grader operator or Excavator operator

- Fit and remove attachments
- Perform startup and shutdown procedures
- Specialization Grader operations
- Specialization Excavator operations

### FEES

Application Fee:	Kshs 2000
Total Fees:	Kshs 47,000 (3 months theory-practice) Kshs 64,000 (3 months industry training)

## MECHANICAL TECHNOLOGY



### TRAINING MODULE

#### LATHE MACHINE OPERATOR

- Basic sheet metal work, boring, drilling
- Lathe Machine Operations

### FEES

Application Fee:	Kshs 2000
Total Fees:	Kshs 47,000 (3 months theory-practice) Kshs 36,000 (3 months industry training)

