

Mwala TVC Electrical and Electronic Engineering Department Profile



Hawkins Annan Balewa,
Head of Department

Welcome to the Department of Electrical and Electronic Engineering at Mwala Technical and Vocational College! Our department is proud to be led by Mr. Hawkins Annan, a dynamic and passionate trainer who is committed to excellence in the field of Electrical and Electronic Engineering. With a passion for innovation, our staff brings a wealth of experience and knowledge to guide our students towards a bright future.

Department Overview

Our department is divided into three sections, each specializing in a specific area of engineering. We offer market oriented, trainee centered, competency-based programs in three levels as described in the Kenya National Qualification Framework including:

- TVET CDACC Level 4 (Equivalent to Artisan Certificate)
- TVET CDACC Level 5 (Equivalent to Craft Certificate)
- TVET CDACC Level 6 (Equivalent to Diploma)

A) Electrical and Electronic Engineering Section

This section is headed by Mr. Eliud Yego. Courses in the section include:

- Electrical Engineering Level 6 (Power Option)
- Electrical Operator Level 5 (Power Option)
- Electrical Installation Level 6

- Electrical Installation Level 5
- Electrical Installation Level 4
- Electronics Level 6
- Electronics Level 5
- Telecommunication Engineering Level 6

B) Medical Engineering Section

This section is headed by Mr. Wyclife Owino. The Course in this section is:

- Medical Engineering Level 6

C) Mechanical and Automotive Engineering Section

This section is Headed by Mr. Frankline Kibet. Courses in the section include:

- Automotive Engineering Level 6
- Automotive Technician Level 5
- Automotive Technician Level 4
- Mechanical Plant Engineering Level 6
- Mechanical Plant Engineering Level 5
- Mechanical Production Technician Level 6
- Mechanical Production Technician Level 5
- Mechanical Production (Grinding and Fabrication) Level 4
- Welding and Fabrication Level 6
- Welding and Fabrication Level 5
- Welding (Manual Metal Arc and Gas metal Arc Welding) Level 4
- Driving (Assessed by NTSA)

Electrical and Electronic Engineering Section

Our Electrical and Electronic Engineering Section offers a wide range of programs designed to equip students with the knowledge and skills necessary to excel in the rapidly evolving field of electrical and electronic technology. From power systems to telecommunications, our programs cover it all.

Medical Engineering Section

In the Medical Engineering Section, we offer a comprehensive Diploma (Level 6) program in Medical Engineering. This program prepares students for careers in the healthcare industry, where they play a vital role in maintaining and servicing medical equipment, ensuring the safe and effective delivery of healthcare services.

Mechanical Engineering Section

Our Mechanical Engineering Section offers a diverse set of diploma courses including plant engineering, production engineering, welding, fabrication and automotive engineering. These programs provide students with hands-on training and theoretical knowledge, making them well-

prepared for various roles in the mechanical engineering field. Additionally, Driving is offered as a short course, open to all members of the Mwala TVC Community.

Why Choose Mwala Technical and Vocational College?

1. **Qualified Faculty:** Our dedicated faculty members have extensive technical and academic expertise, ensuring that students receive the highest quality education.
2. **Industry Partnerships:** We collaborate with industry leaders to ensure that our programs are aligned with current industry trends and demands.
3. **Supportive Community:** At Mwala Technical and Vocational College we foster a supportive and inclusive community where students can thrive academically and personally.

Whether you aspire to become a skilled electrician, an electronics expert, a medical equipment technician, or a mechanical engineer, our department has the programs and resources to help you achieve your goals. We look forward to welcoming you to our department and helping you embark on a successful engineering career.

If you have any questions or would like to learn more about our programs, please do not hesitate to contact us. We are here to support your educational journey.