



ADVANCED TECHNICIAN DIPLOMA IN ELECTRICAL & ELECTRONICS ENGINEERING

Engineers are in great demand world over. The programme at NEC is designed to reflect international standards & is structured to have the opportunity to receive remarkable success as a career option.

With an Advanced Diploma in Electrical & Electronics Engineering the graduate will be able to:

- Understand international standards
- Have a keen understanding of the industry from all aspects
- Evolve, evaluate, reason & make rational decisions & informed choices
- With practical training and intership be marketable in the global industry

Career opportunities in this field include: Mining, Building Services, Power Systems, Transmission & Distribution, to name a few.

Technician Certificate (Duration 1 year)

- (Compulsory modules)
- Engineering Fundamentals 1
- Theory & Practicals
 - Electrical & Electronics Applications - Theory & Practicals

Technician Diploma (Duration 1 year)

- (Compulsory modules)
- Engineering Fundamentals 2
 - Computer Aided Communication
 - Electrical Power - Theory & Practicals
 - Electronics - Theory & Practicals

Technician Advanced Diploma (Duration 1 year)

(Compulsory modules)

- Advanced Electrical Principles
- Engineering Project

Electrical Power Pathway

Options (1 module from)

- Distribution & Utilization of Electrical Energy
- Generation & Supply of Electrical Energy
- Electrical Plant & Equipment - Theory & Practicals

Electronics Pathway

Options (1 module from)

- Control Systems & Applications
- Microelectronics Circuits & Systems

Full Technological Diploma

NEC, under the supervision of City & Guilds U.K. will award the full Technological Diploma (FTD) in Engineering to someone who is at least 21, has at least two years of relevant industrial experience, and has successfully finished the assessments for the Advanced Diploma. They must also send a portfolio of evidence (P.O.E.) to support their application.

Accreditation

Under the Faculty of Engineering, the NEC programme on Construction Industry is registered by Human Resource Development Council (HRDC) and Botswana. It is accredited by City & Guilds U.K. and with Botswana Qualification Authority. City & Guilds programmes are accredited by U.K. bodies such as the Quality Curriculum Authority.

Graduates holding Advanced Diplomas in Construction Industry have the option to enter universities in Botswana, the U.K. and other countries at final year for degree programme.

About New Era College

NEC sprawled over 79812 sq. meters has a state of the art campus with facilities to develop an all rounded graduate. Excellent academic & administrative staff members, NEC has a practical approach for the overall development of the student. NEC also has a library and sporting facilities amongst others. Please log on to www.neweracollege.ac.bw for more information.

For further inquiries please
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