PROGRAMME TITLE: ELECTRICAL ENGINEERING: BRIDGING PROGRAMME (24 MONTHS)

DESCRIPTION

Electrical engineers design, develop, test and manage the manufacturing of electrical equipment, from motors and navigation systems to power generation equipment and the components of vehicles and personal devices.
Electrical engineering is an immensely broad field with job roles in a dizzying array of industries. From electric power generation and distribution to cars to smartphones, electrical engineers are integral parts of thousands of companies. This programme is designed to provide pre-requisite knowledge for a student to progress into higher education, providing a career pathway into engineering. This access programme will prepare students for higher certificate courses in engineering. The duration for the bricklaying course is 2 years theoretical studies and the duration for the higher certificate engineering programme is 1-year theoretical studies. The Engineering Program at Berea College of Technology strives to develop within students the ability to think analytically and creatively, and to become effective problem solvers

PROGRAMME OUTLINE

1st Year 1st Semester Subjects	1st Year 2nd Semester Subjects
Mathematics EE101	Mathematics EE102
Engineering science EE101	Engineering science EE102
Engineering Drawing EE101	Engineering Drawing EE102
Communication	Electrical Trade Theory

2nd Year 1st Semester Subjects	2nd Year 1st Semester Subjects
Mathematics EE201	Mathematics EE202
Engineering Science EE201	Engineering Science EE202
Industrial Electronics EE201	Industrial Electronics EE202
Electrotechnology	Electrotechnics

TYPE OF PROGRAMME

- Full Time: Minimum 2 Years
- Part time: Maximum 4 Years

ADMISSION REQUIREMENTS

The minimum entry requirement for the Access programme:

- A National Senior Certificate.
- A Senior Certificate.
- No Maths and Science required
- A National Certificate (Vocational) Level 4 with Maths and Science- A minimum of 40% in English on either First Additional Language or Home Language level other three compulsory vocational subjects
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LEARNER MATERIAL

Prescribed textbook lists will be provided by the academic department at your campus. Students will receive electronic versions of the study guides for this programme.

PRICING

Enquire at the Berea College of Technology campus for a current programme pricelist.

ADDITIONAL COSTS

Students must make provision for additional items such as textbooks, stationery, supplementary examinations, research costs and printing of study guides etc.

EXAMINATION AUTHORITY

All Examinations are set by Berea College of Technology.

FURTHER STUDIES

Upon successful completion of this access programme, learners will obtain the pre-knowledge to further their studies in Higher Certificate in Engineering in Electrical Engineering at Berea College of Technology.

Berea College of Technology (Pty) Ltd is registered with the Department of Higher Education and Training, as a Private Higher Education Institution under the Higher Education Act, 1997 (Registration No. 2000/HE07/004). All qualifications are accredited by the Higher Education Quality Committee (HEQC) of the Council on Higher Education (CHE), registered on the National Qualifications Framework(NQF) by the South African Qualifications Authority.

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DISCLAIMER

The information contained in this fact sheet is accurate at the time of printing. However, factors beyond Berea College of Technology control (such as environmental, regulatory or technical changes) may cause the contents of this fact sheet or of the programme to change. In the event of any such change, Berea College of Technology will formally notify current learners. All possible measures will be taken to minimise inconvenience to learners.

Name of Learner: I....., hereby acknowledge that I understand the information stated in this document and fully comprehend the specifics explained above pertaining to this qualification.

Signature of Learner: .....

Name of Legal Guardian: ..... Signature: .....
(if applicable)

Name of Sales Consultant: ..... Signature: .....

Name of Head of Department: ..... Signature: .....

Date: .....

* Please note the original signed copy should be kept on the learner record file.

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