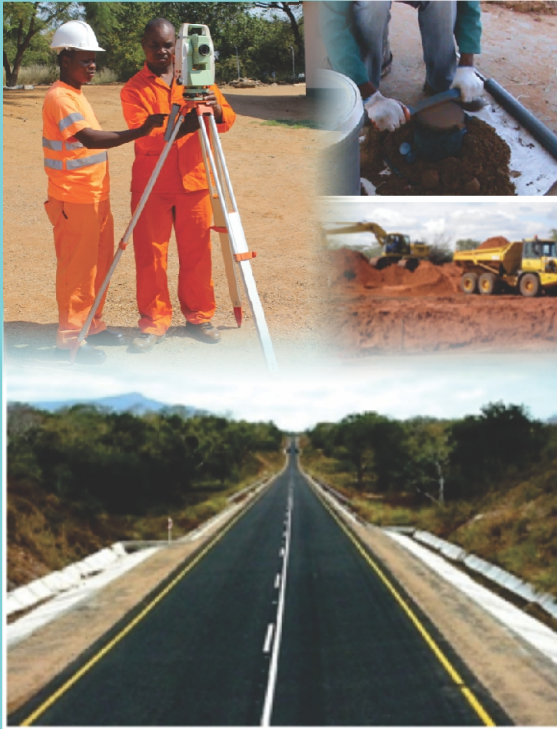


OPPORTUNITIES

After successfully completing the programme, graduates have the opportunity to further their studies at the University of Botswana or some other universities around the world. Some other trainees can be employed as technicians in the construction Industry. Possible employers being: Roads Department, Local Government Roads Units, Construction Companies and Consultants in the Civil and Highway Engineering field.



Vision

To be a leading institution in the provision of training on highway engineering programmes and allied fields

Mission

To produce; productive, innovative and competitive engineering workforce for the construction industry in Botswana and internationally

Enquiries

Roads Training Centre
P. O. Box 10105
Gaborone
Botswana
Tel: (00267) 3912755
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Roads Training Centre-Botswana



RTC



Roads Training Centre Gaborone Botswana



Career in Highway Engineering

It is clear that Today's world industry needs graduates with adaptable skills, energy and ability to cope with the world of work's demand.

Roads Training Centre, a division of Roads Department aims at producing graduates who are abreast with requirements of industries for road related works.

Roads Training Centre offers both short and long term courses, within the field of Highway Engineering.

Short Courses

Labour Based Technology Courses:

Roads Foreman Course - 6 Months
Maintenance using Labour Based Technology - 3 weeks
Road Furniture installation and maintenance - 2 weeks

The minimum entry requirements for the roads Foreman Course are: a junior Certificate or its equivalent plus one year working experience in labour based Technology Construction site as a labourer.

Plant Operator Course:

Front End Loader operator Course - 10 weeks
Grader operator Course - 10 weeks
Dozer operator Course - 10 weeks
Roller operator Course - 10 weeks

Trainees are usually in-service from Roads Department and other Government Departments. Lately the training has been opened up to the public. It consists of theoretical instruction and practical training in the use of road construction plant. Examinations are held at the end of the course, in accordance with the construction plant operator's occupational test, under the supervision of the plant Instructors.

Certification is done by Madirelo Training & Testing Centre (MTTC).

ROADS TECHNICIAN CERTIFICATE COURSE (RTCC)

Admission Requirements:

The minimum entry requirements shall be the Botswana General Certificate of Secondary Education (BGCSE) or its equivalent, with credits in English, Maths, Physics, Chemistry or Double Sciences.

Entrance test may be required for any group to be admitted.

NB: Cut off point shall be determined every academic year by the RTC.

Duration and Presentation:

A two year qualification made up of four academic terms and two field training terms. In each academic year, the first two terms are for the Theoretical learning and the last term being for the field training.

Intake For the programme:

August (*As for 2013 and beyond*)

Subjects (*all subjects for this programme are compulsory*) **subjected to change from time to time**

Y E A R 1	Physics/Mechanics, Technical English, Mathematic I, Surveying, Computer appreciation, Road Building materials, Road Construction, Computer aided Drawing (CAD), Structured Field Training.
Y E A R 2	Surveying, Construction Management & Costing, Administration, Road Building material, Heavy Plant and Road Construction, Labour Based Technology, Road Maintenance, Road Design, Indusral attachment.

COST OF THE STUDY

Approximately P15000.00 per academic year.
subjected to change from time to time

HIGHWAY ENGINEERING TECHNICIAN DIPLOMA COURSE (HETDC)

Admission Requirements:

The minimum entry requirements shall be the Botswana General Certificate of Secondary Education (BGCSE) or its equivalent, with credits in English, Maths, Physics Chemistry or Double Sciences.

Applicants holding Roads Technician Certificate course, may be admitted to second year diploma.

Entrance test may be required for any group to be admitted.

NB: Cut off point shall be determined every academic year by the RTC.

Duration and Presentation:

A Three year qualification made up of six academic terms and three field training terms. In each academic year, the first two terms are for the Theoretical learning and the last term being for the Field Training.

Intake For the programme:

August (*As for 2013 and beyond*)

Subjects (*all subjects for this programme are compulsory*) **subjected to change from time to time**

Y E A R 1	Applied Mechanics, Technical English, Mathematic I, Computer appreciation, Properties of Materials, Labour Based Technology, Surveying I, Soil Mechanics, Industrial attachment
Y E A R 2	Mathematic II, Traffic & Transport, Engineering Drawing, Hydraulics, Road Design, Structural Engineering, Surveying I, Soil Mechanics, Mathematic II, Drainage Design & Construction, Road Construction, Industrial attachment/ structured Field Training
Y E A R 3	Road Construction, Structural Engineering, Road Design, Surveying II, Soil Mechanics, Construction Plant & Management, Quantities, Administration, Road Maintenance, Estimating & Costing, Economics, Project Work

COST OF THE STUDY

Approximately P15000.00 per academic year.
subjected to change from time to time