

**PROGRAMME TITLE****Mechanical Engineering: Fitting and Turning N1/N2****\*Only offered at DHET registered exam centre campuses****DESCRIPTION**

The Mechanical Engineering – Fitting and Turning programme is designed to equip learners with foundational technical knowledge and practical workshop skills in mechanical and electrical engineering, specifically focusing on fitting, turning, and basic machinery operation. It serves as the starting point for learners who wish to pursue careers in engineering trades or artisan professions.

**CAREER FIELDS**

With this qualification, successful learners could pursue a career as a:

- Fitter and Turner
- Machinist / Lathe Operator
- Mechanical Maintenance Technician
- Toolmaker / Workshop Technician
- Electrical Maintenance Technician

**PROGRAMME OUTLINE**

<b>1<sup>st</sup> Year 1<sup>st</sup> Semester Subjects</b>	<b>1<sup>st</sup> Year 2<sup>nd</sup> Semester Subjects</b>
Engineering Science N1	Engineering Science N2
Engineering Drawing N1	Engineering Drawing N2
Mathematics N1	Mathematics N2
Communication	Fitting and Machining Theory N2

**TYPE OF PROGRAMME**

Full Time: Minimum 1 Year

**ADMISSION REQUIREMENTS**

Learners need one of the following:

- Only learners who have completed the NSC or equivalent qualifications may be enrolled for purposes of articulation to the National N Diploma: Engineering Studies or similar qualification.
- TVET Colleges may use their own admission requirements in determining the starting N-level of the students enrolled for articulation purposes.

**LEARNER MATERIAL**

All study guides are included in the tuition fees. Your campus academic department will provide you with a list of required textbooks.

**PRICING**

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

**ADDITIONAL COSTS**

There are additional costs such, a drawing board and some Engineering accessories e.g. drawing instruments, lab coat etc.

**EXAMINATION AUTHORITY**

All examinations are National Examinations, set and administered by the Department of Higher Education and Training.

**CERTIFICATION**

Upon successful completion of this programme, learners will receive a statement of results.

**ARTICULATION**

- Providing articulation and a second chance to learners who have completed the National Senior Certificate (NSC) or equivalent qualification and would like to pursue studies towards National N Diploma: Engineering Studies or similar qualifications but did not meet the performance level required for admission.
- Providing access to artisan training in those trades that currently do not have occupational qualifications and trade tests developed.

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**FURTHER STUDIES**

Upon completing N2, learners can further their studies at various accredited trade test centres, gaining access to artisan training in trades or trade tests. Here are some accredited trade-test / artisan training centres in KwaZulu-Natal (KZN) that you can contact if you want to do a trade test or artisan training:

**RBTTAC - Richards Bay Technical Training & Assessment Centre:** Richards Bay — accredited as a trade-test centre for “Fitter & Turner,” mechanical fitter, and related trades.

**Technotrain Westmead: Westmead / Pinetown (near Durban):** lists “Fitter” (and sometimes “Fitter & Turner” / mechanical trades) among offered artisan-training and trade-test courses.

**Shukela Training Centre: Mount Edgecombe / Durban metro area:** decentralised (DTTC) trade-test centre offering Fitter, Turner, and Fitter & Turner among its engineering trade offerings.

**Durnacol Skills Hub: Newcastle / KZN (but may require travel depending on where you are):** offers a full Fitter & Turner qualification (NQF Level 4; 3-year programme), which culminates in eligibility for trade-test / artisan certification.

**DISCLAIMER**

*The information contained in this fact sheet is accurate at the time of printing. However, factors beyond Berea Technical College 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 Technical College 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.