

For more information, please contact a student advisor: +27 (0)11 262 5115 | testbydev.pr@gmail.com | <u>aiewebsites.devtechnosys.info</u>

Occupational Certificate: Fitter and Turner (Red Seal)

Overview

The engineering **fitting field** is characterised by providing **maintenance**, **repair**, **and installation services** across diverse industries, catering to a spectrum of equipment - from sophisticated machinery to antiquated **single-station** machines. Those engaged in mechanical engineering within this field need specialised technical knowledge and highly developed hand skills to effectively address the varied mechanical engineering requirements of different industries. As a student in the Occupational Certificate: Fitting and Plumbing you will acquire specialised technical expertise and refined hand skills to adapt to the ever-evolving demands of manufacturing diverse products. This qualification primarily focuses on developing the ability to produce complex components through **various machining methods**, along with skills in fault finding, dismantling, maintaining, repairing, and installing intricate mechanical assemblies.

The journey to your RED SEAL: This is an Occupation Trade that requires a RED SEAL to practise as a designated Electrician as per article Occupational Certificate Article 26D (RED SEAL*)

Part 1

Theory Modules

Runs with Part 2

Theory Exam

Part 2

Practical Training

Runs with Part 1

Logbook, Observation & Assessment

Part 3

Workplace Modules

+- 18 months

Observation & Logbook

Trade Test for RED SEAL

Features And Benefits

- This qualification consists of Compulsory Knowledge, Practical Skills, and Work Experience Modules.
- The South African qualification for **Fitter and Turner compares** well with all the **international countries** chosen for the comparability study.
- An opportunity to be recognised as a qualified artisan with well-structured, relevant and current competencies.
- Get a free Office 365 Education A1 license, valid for the duration of your studies.



 Students get access to our online recruitment portal, exclusively available to AIE graduates. Visit <u>www.recruitgraduates.co.za</u> for more.



Admission Requirements

- Grade 9 (Std 7) Certificate with a pass in Mathematics and Physical Science, OR
- N1 Pass (with mathematics and science), OR
- Vocational or Further Education Certificate at any level, OR
- Recognition of prior learning through an RPL process

IMPORTANT: If you don't meet our minimum entry requirement, you can still apply for special admission, regardless of what formal education you have. Please note that there are terms and conditions for this application, and all approvals will be made at the discretion of the Academic Board.

Articulation Option

On successful completion of this qualification, you can articulate into the following:

- Other occupations with cross-cutting credits.
- Engineering Studies N4, NQF Level 5.

- Fitter and Turner
- Automotive Machinest
- Metal Machinest

Stationery List

Your study kit is included in your fees and will contain:

- Free WIFI (Unlimited, On-Campus only).
- Orientation kit including: Student Card, Welcome Letter, Getting Started Guide.
- Access to myAIE student portal and student support team via phone, email and tickets.

Software Used null

Hardware/Device Requirement

Please note that you are required to have your own computer for this qualification. **AIE**, in partnership with **Dell** and **TripleH**, **is** committed to supplying every student with a **Dell laptop** to support our **Digital** Campus initiative. Available exclusively to **AIE students**, devices can now be financed with your tuition fees. We provide two models:

Duration

- Full Time, Contact (Hybrid) Learning
 - Duration: +-12 Months
 - Classes conducted 5 days a week, 3-6 hours/day
 - Theory module classes can be attended on campus AND/OR Online
 - Practical modules and exercises must be done on campus
- * Class structures are subject to change without notification.

Learn More

Regulatory Information

AIE (Academic Institute of Excellence) has been granted provisional registration as a private college in terms of Section 31(3) of the CET Act and Regulation 12(4), with registration number 2018/FE07/003 for a period of three years. This programme is accredited, and quality assured by the Quality Council for Trades and Occupations

(QCTO), Accreditation Number: 01-QCTO/SDP240324190422.

Important Notes

Trades Encompassed by this Qualification:

This qualification encompasses the following trades as recorded on the NLRD:

- ID 61033, Fitter and Turner, Automobile Manufacturing.
- ID 61036, Fitter and Turner, Coal.
- ID 61037, Fitter and Turner, ESKOM.
- ID 61040, Fitter and Turner, Explosives.
- ID 61048, Fitter and Turner, Government.
- ID 61109, Fitter and Turner, Carbonated soft drink.
- ID 61068, Fitter and Turner, Mining.
- ID 61073, Fitter and Turner, Motor.
- ID 61084, Fitter and Turner, Aerospace.
- ID 61087, Fitter and Turner, Tyre and Rubber.
- ID 61134, Fitter and Turner, Sugar.
- ID 61137, Fitter and Turner, Mining.