



Course Information

**National Certificate: Automotive Repair and
Maintenance (Learning Programme ID 64810)**

National Certificate: Automotive Repair and Maintenance

SAQA ID	78523
Level	2
Credits	125
Duration	1 year

The purpose of the qualification is to provide learners, education and training providers and employers with the standards and the range of learning required to work effectively in various industries making use of automotive repair and maintenance skills and to meet the challenges of the automotive industry and related environments.

The primary skill that is recognised in this qualification is the ability to apply the theory behind repair and maintenance to do general servicing of vehicles.

This capability requires an understanding of basic repair and maintenance theory, names and functions of fluids and lubricants, automotive components and how to read and interpret workshop manuals and workshop procedures. Hand skills also play an important role in this qualification and successful learners will need to apply hand skills in completing their tasks.

Course Expectation

This is a learnership, and therefore has a theory and workplace component.

- Learners are expected to complete the theory at the training provider.
- The workplace component must be complete at a recognised workplace.
- The activities at the workplace will be determined by the workplace tasks that need to be completed.

Training Provider

Workplace

Selection of Workplace

Learners are required to ensure that they have secured a workplace. Whilst IQ supports learners in this endeavour, it is the learners responsibility.

The workplace selected must be in line with the course undertaken.

Learners will be provided with a pack that includes:

- Letter of request for placement
- Placement guidelines for Employer organisations

Training



Your course comprises of the following:

- Complete Learner orientation on the programme expectations.
- Mentor guidelines for the workplace mentors.
- Work integrated guidelines for the workplace.
- Learner orientation guide.
- Process meetings map with employers and mentors.
- Training plan including the schedule of assessments
- Process map for the qualification.
- Learner guides, workbooks and log books
- E-learning lessons/ PC Tablet (with audio voice lessons)
- Training videos to support lessons showing practical applications

Assessment

Assessments are an important part of your learning as it serves as a measure to identify if you have achieved the competencies required in this course.

Various assessment methods are used during the course of your programme. All these are collated into a Portfolio of Evidence which is used for the final summative assessment. Each module of your study will have an assessment of some form.

The workplace is assessed through a logbook. This comprises a list of tasks which needs to be completed and signed off by your workplace mentor.

Delivery Modality

The delivery modality is flexible and designed according to the needs of the client.

The following are some of the options:

Option 1

- Lessons are presented on a PC Tablet. These are recorded.
- All the learner guides and workbooks are on the PC Tablet.

Option 2

- E-learning. Lessons are on the e-learning platform and learners progress through them.

Option 3

Face to face tuition according to a training plan.

Company inductions

Better tracking

Convenience

Learner control

Use of dead time

Suits: learning styles

Social learning

Easy evidence

Learner confidence

Institute for Quality
Mobile Learning for the
workplace. Are you ready?

Programme Modules

	ID	UNIT STANDARD TITLE	NQF LEVEL	CREDITS
Core	12211	Build basic auto electrical circuits	NQF Level 02	16
Core	260719	Carry out an automotive service	NQF Level 02	8
Core	244686	Demonstrate understanding of the principles of fluid power	NQF Level 02	6
Core	13220	Keep the work area safe and productive	NQF Level 02	8
Core	260717	Remove and fit automobile components	NQF Level 02	12
Core	119744	Select, use and care for engineering hand tools	NQF Level 02	8
Core	12476	Select, use and care for engineering measuring equipment	NQF Level 02	4
Core	12219	Select, use and care for engineering power tools	NQF Level 02	6
Core	260638	Service automobile batteries	NQF Level 02	4
Core	244056	Understand the fundamentals of engine technology	NQF Level 03	4
Fundamental	119463	Access and use information from texts	NQF Level 02	5
Fundamental	9009	Apply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problems	NQF Level 02	3
Fundamental	7480	Demonstrate understanding of rational and irrational numbers and number systems	NQF Level 02	3
Fundamental	9008	Identify, describe, compare, classify, explore shape and motion in 2-and 3-dimensional shapes in different contexts	NQF Level 02	3
Fundamental	119454	Maintain and adapt oral/signed communication	NQF Level 02	5
Fundamental	119460	Use language and communication in occupational learning programmes	NQF Level 02	5
Fundamental	7469	Use mathematics to investigate and monitor the financial aspects of personal and community life	NQF Level 02	2
Fundamental	9007	Work with a range of patterns and functions and solve problems	NQF Level 02	5
Fundamental	119456	Write/present for a defined context	NQF Level 02	5
Elective	260720	Balance a wheel	NQF Level 02	2
Elective	244690	Demonstrate basic knowledge of hydraulic components	NQF Level 02	3
Elective	244691	Demonstrate basic knowledge of pneumatic components	NQF Level 02	3
Elective	260722	Maintain and repair motorcycle wheel components	NQF Level 02	6
Elective	15123	Select and use vehicle lifting equipment	NQF Level 02	3