

Basic Automobile Engineering

Applying for this course:

To apply for this course, you need to have completed compulsory schooling and are up to 65 years of age.

To follow this course ideally you are already employed within the sector or have a good knowledge of how mechanical cars function.

Course Duration

This course is of 30 hours duration.

General pedagogical guidelines and procedures for this course:

The delivery of this course will be mainly held through a series of discussions, presentations and videos. External experts may also be invited to deliver part of the training.

General assessment policy and procedures for this course:

The learner will not be assessed at the end of the course and will be eligible for a Confirmation of Attendance indicating the hours attended.

Topics to be covered:

Tools and Equipment used by mechanics

Auto-vehicles maintenance

Use of Diagnostic Tools

The new 4-stroke engine and how it operates

Transmission

Brakes and Suspension

Car's bodywork, fittings and electrical system

Roadside repairs

Safe work practices in a garage

This course was designed in collaboration with the Foundation for Transport.