

# Automobile



## Description

**This field of training is arranged into the following subjects :**

- ✓ Fundamentals of electrical engineering and electronics, electronics trainer
- ✓ CAN-bus trainer, LIN-bus trainer, MOST-bus trainer
- ✓ Automotive engineering, automotive trainer
- ✓ Engine management systems, engine management trainer
- ✓ Electro-mechanical systems in the motor vehicle, electro-mechanical trainer
- ✓ E-mobility trainer, new drive trainer, hybrid trainer

## TRAINING WORKSHOP

A good education needs the best theoretical lab as well as a modern training workshop. To meet your own individual needs, we work together with well-respected partners. Simply contact us if you require a custom estimate for the equipping of your workshop.

## AUTOMOTIVE TECHNOLOGY TRAINER

Teaching fundamentals is always the vital cornerstone for solid and efficient education. Several training courses have been specifically developed for this topic area to teach trainees step by step the basic knowledge to be covered in detail at a later date. The courses are particularly suited for school education and require little or no previous knowledge.

Each multimedia course starts by imparting the theoretical foundations before solidifying that knowledge by means of practical measurements. The particular focus is on handling measuring instruments and the way that simple electric circuits operate.

## VEHICLE ELECTRONICS TRAINER

A modern vehicle is characterized by its high degree of electrification. This means that most open and closed-loop control processes are carried out using electro-mechanical systems. These systems, as well as all those designed to enhance driver comfort and drivability, require a stable and fail-safe power supply to ensure the finest quality of driving, leading to utmost comfort for drivers.

BCL's training systems for automotive technology offer trainees the outstanding opportunity to learn about the various aspects of how on-board vehicle networks are supplied with electrical power at an authentic practical level. They also get a vivid and detailed look at how the lighting systems work and how they can subsequently be enhanced.