



Fundamentals of Diagnostics

Part Number: WPTATADiagnostics

Duration: 1 day

Course Details

Whether you're a budding technician eager to embark on your fault-finding journey or keen to revisit foundational knowledge this one-day course will take you through the nuts and bolts of automotive diagnostics. The curriculum covers a range of essential topics, beginning with the rudimentary working principles of engine management systems to discussions on system diagnostics and component testing.

Uniquely designed, the course is split between theory in the classroom and practical application in the workshop next door.

Students can expect to spend a significant portion of their time in a workshop setting, testing their knowledge using various diagnostic tools – multi-meters, test lights and advanced diagnostic platforms.

Covering Topics

The course content has been curated to provide a well-rounded understanding of automotive diagnostics:

- **Foundation of Knowledge:** The basics of electrical principles are outlined, and learners are introduced to automotive wiring diagrams
- **Hands-on Experience:** An overview of different diagnostic tools and test equipment allows students to learn through practical application
- **Deciphering Code:** An entire module is dedicated to understanding fault codes, their interpretation and teaching efficient repair planning
- **Language Skills:** The course teaches industry-specific vocabulary and effective communication skills crucial in the field of diagnostics

This course equips learners with an understanding of basic diagnostic principles and the working mechanics of an engine management system and also fosters confidence in fault code interpretation and planning and executing repair procedures.

To enquire about this course email the team at sales@workshop-pro.co.uk