

Training Course Syllabus

PT 1 Product Appreciation

This course has been designed to show people new to the engine business an in depth overview of how these engines have been designed and how they work. Very hands on

PT 7 400 Series 1 Day

A hands on, engine teardown course designed to give an insight into the features and mechanical aspects of the engine. This course also covers service points and is therefore aimed at those within a technical role. Persons in non-technical roles are welcome to attend also.

PT 16 1100 A/B/C/D Mech 1 Day

A hands on, engine teardown course designed to give an insight into the features and mechanical aspects of the engine. This course also covers service points and is therefore aimed at those within a technical role. Persons in non-technical roles are welcome to attend also.

PT 21 Applied Failure Analysis – Level 1 2 Day

This course is aimed at those involved with assessing mechanical component failures. It provides the necessary skills and information to understand how to find the most likely root cause of a failure and write a suitable report describing the findings.

PT 27 1100 C Mech/Elect 2 Day

This course covers the elements of the mechanical course plus the electronic components and systems that differ from the other products in the Perkins range. Specific elements within EST relating to this engine are also covered.

Prerequisite:

PT 36 or have covered the content in a previous course.

PT 29 800 Series 1 Day

A hands on, engine teardown course designed to give an insight into the features and mechanical aspects of the engine. The course also covers service points and is therefore aimed at those within a technical role. Persons in non-technical roles are welcome to attend also

PT 31 1100 D Mech/Elect 2 Day

The 1100D series is one of Perkins' latest emission controlled engines with many new design features not before seen on Perkins products. This course has been designed to go through all the features of this new engine and is especially suited to workshop staff involved with service and overhaul of engines.

Prerequisite:

PT 36 or have covered the content in a previous course.

PT 32 ECG & LCG Governors 1 Day

This course not only provides information on the workings of the ECG & LCG governors but also includes installation, programming and troubleshooting. Anyone involved with the installation, service and repair of a Perkins engine using these types of governor should attend this course. It will also benefit those who may not have contact with the engines but want an understanding of the governors.

PT 38 Tier IV Diagnostics Training (Module 3)

During this course, the student's learning will be heavily focused around working on running engines with replicated faults and utilizing the Electronic Service Tool (EST) together with the appropriate service literature to learn how to correctly diagnose engines within the Tier IV range.

Prerequisite: PT 62 PT 31 Tier IV F istance Learning Modules 1 & 2

PT 41 Mechanical Update 2 Day

Engine Product changes that will take place will be covered in this course, including the new 400D & 800D and changes to 1103/4D mechanical engines a must for all Product support staff.

PT 46 Electronically Controlled Engines Advanced 3 Day

Prerequisite:

PT 62