

Centerfire LWD E-Learning

The Centerfire LWD E-Learning module is a comprehensive interactive training unit designed to introduce all aspects of the use and support of the Black Diamond Centerfire system. The course has been developed to initially ensure a solid understanding of the theoretical fundamentals of the system before covering the key system functions that must be understood to allow the system to consistently generate the highest quality results. As the information that is presented is fundamental to the success of the system, this course will benefit all who have any contact with the Centerfire system.

Features and Benefits

Comprehensive

The course first introduces the theory of operation of the system before moving into more detail on both operational and maintenance considerations. Topics covered include:

- Collar architecture
- Measurement sequence
- Data options
- Function testing
- Pre-run configuration
- Rigsite procedures
- Data presentation
- System calibration
- System troubleshooting

Integrated

The course, although beneficial as a stand-alone unit, forms an integral module within the Centerfire LWD Operations and Centerfire LWD Maintenance Training Programs. These programs deliver a defined progression of e-learning, traditional teaching and on-the-job training offerings designed to support the continued development of those involved with the operation, maintenance or technical support of the Centerfire system.

Flexible Delivery

The course is delivered on-line and is divided into four sections, each of which should take no longer than an hour to complete. This allows the material to be completed at a place, time and pace to suit all. Understanding is assured by way of on-line tests that highlight areas which require review. Material can be reviewed as often as is required to ensure total understanding.

Courses are administered through the Black Diamond Technical Support Portal.

Target Audience

The course benefits anyone who has any contact with Centerfire LWD tools. Essential for operations engineers and maintenance technicians who will be working with the tools on a daily basis, it is also of great benefit to anyone involved in the support of Centerfire operations.

Cost Effective

When delivered as a prerequisite to a Practical course the e-learning is free to all attendees.

As a stand-alone training module the e-learning is extremely competitive when compared to attendance at traditional theoretical seminars.

Black Diamond MWD & LWD Training Programs

Introductory	Introduction to MWD E-Learning		Introduction to Drilling E-Learning	
Core	Tensor MWD	Tensor MWD E-Learning	Operations Practical (3 Days)	Rigsite OJT
			Maintenance Practical (3 Days)	Workshop OJT
	Tensor Gamma	Gamma E-Learning	Operations Practical (2 Days)	Rigsite OJT
	Centerfire LWD		Resistivity E-Learning	Operations Practical (3 Days)
		Centerfire LWD E-Learning	Maintenance Practical (3 Days)	Workshop OJT
Advanced		Failure Analysis E-Learning	Directional Drilling & Surveying E-Learning	
		Drilling Dynamics E-Learning	Advanced Magnetic Surveying E-Learning	