



## Perforating

### MODULE

#### About the Skill Module

This skill module illustrates the tools and processes for establishing communication between a well and the productive formation(s) accessed by the well. The evolution of shaped charges is presented and the means for delivering perforating charges into a well using various gun configurations is illustrated. The importance of understanding charge performance to select the appropriate charge for a particular set of well conditions is discussed.

[See example online learning module](#)

#### Target Audience

Petroleum engineers, production operations staff, reservoir engineers, facilities staff, drilling and completion engineers, geologists, field supervisors and managers, field technicians, service company engineers and managers, and especially engineers starting a work assignment in production engineering and operations or other engineers seeking a well-rounded foundation in production engineering.

#### You Will Learn

- The various shaped charges, their design, performance, shot phasing and shot density options, and their advantages and limitations
- The three primary perforating gun conveyance systems and the various gun types available and their individual features
- Concepts like perforation tunnel damage, gun standoff, underbalance, gun correlation on depth, and other engineering input requirements for each perforation job design

#### Skill Module Content:

- Shaped Charge
- Perforating Safety
- Tubing Conveyed Perforating
- Underbalanced Perforating

#### Product Details

Categories: Upstream

Disciplines: Production and Completions Engineering

Levels: Basic

Product Type: Individual Skill Module

Format: On-Demand

Duration: 3.5 hours (approx.)

**\$395.00**