



## Rock Mechanics for Shale Plays

### MODULE

#### About the Skill Module

Special mechanical properties of shales such as anisotropy, brittleness and fracture toughness have great importance for development of shale plays as will be discussed in this skill module.

[See example online learning module](#)

#### Target Audience

Geoscientists, petrophysicists, completion and drilling engineers or anyone involved in unconventional reservoir development.

#### You Will Learn

Participants will learn how to:

- Identify mechanical anisotropy and its different types and its measurement from lab, log, and seismic data
- Recognize how anisotropy influences the rock response to hydraulic fracturing
- Identify the different types of rock brittleness (elastic, mineralogical and strength-based)
- Describe fracture toughness and its measurement

#### Product Details

Categories: [Upstream](#)

Disciplines: [Petrophysics](#) [Unconventional Resources](#)

Levels: [Basic](#)

Product Type: Individual Skill Module

Format: On-Demand

Duration: 4.5 hours (approx.)

**\$395.00**

