An introduction to formation evaluation and well logging methods, including the relationship between measured properties and reservoir properties. Analysis of log suites for reservoir size and content. Graphical and analytical methods will be developed to allow the student to better visualize the reservoir, its contents, and its potential for production.

**WHAT IS CHANGING**

- The course materials were divided into four different modules.
- Each module contains two main learning outcomes,
- These learning outcomes were built on each other.

**EXPECTED RESULTS**

- Define methods of gathering information
- Recognize wireline logging operation
- Estimate elastic properties of the formation
- Identify the concepts of open hole logs
- Apply theoretical fundamentals of logs
- Analyze/Interpret the data
- Recognize safety issues

**LOGGING EXAMPLE**

The physical properties are recorded continuously as a function of depth, while the tools are pulled out of the well.