



# Canadian Petroleum Training Institute Ltd.

## EXAMPLE

### COURSE OUTLINE

#### CORE ANALYSIS

##### **Conventional Core Analysis**

- Gamma Ray Analysis
- Slabbed Core Analysis
- Geological Studies, i.e. Depositional Environment
- Porosity and Permeability
- Steady State Analysis
- Unsteady State Analysis
- Full Diameter Core Analysis

##### **Slide Wall Core Analysis**

- Types of Sidewall Cores
- Percussion
- Rotary

##### **Advanced Core Analysis**

- Capillary Pressure
- Electrical Properties
- Stress Measurements
- Wettability
- Relative Permeability
- Core Flood Studies
- Scale
- Fracture Damage and Proppant Evaluation
- Fluid and Rock Compatibility

##### **Reservoir Fluid Analysis**

- Routine PVT Analysis
- Enhanced Oil Recovery Analysis
- Asphaltene Deposition
- Wax Deposition
- Water Analysis
- Hydrocarbon Analysis
- Scale Deposit Analysis