



# Canadian Petroleum Training Institute Ltd.

## EXAMPLE

### **COURSE OUTLINE** **RESERVOIR GEOLOGY**

#### **Introduction to Reservoir Geology**

#### **Minerals and Rocks: The Building Blocks**

- Minerals
- Igneous Rocks
- Sedimentary Rocks
- Metamorphic Rocks

#### **Sedimentary Depositional Environments**

- Clastic Rocks
- Carbonate Rocks

#### **Petroleum Geology**

- Origin of Oil and Gas
- Reservoirs
- Exploration

#### **Tools for Reservoir Characterization**

- Drilling Rate
- Rock Cuttings
- Core Analysis
- Open Hole Log Analysis
- Drill Stem Testing

#### **Reserves Determination**

- Introduction
- Volumetric Reserves
- Material Balance
- Production Decline Analysis
- Production History Matching