



### Training Courses - 2021

**Dates:** TBD  
**Location:** AER Core Research Center/AER Offices/Virtual  
**Instructor:** Brian A. Zaitlin, Ph.D., P.Geol., CPG.,  
ZGL (Zaitlin Geoconsulting Ltd)

Min: 10 participants; Maximum 20 participants

### Courses

- **Introductory Courses**
  - Introduction to Hydrocarbon Systems and the Western Canada Sedimentary Basin (1 Day - Lecture)
  - Introduction to Clastic Core Logging and Core Analysis (2 Day – Lecture and Core)
  - Clastic Facies and Depositional Environments in Core (2 Day - Lecture and Core)
  - Sequence Stratigraphy: Examples from the WCSB (2 Day - Lecture)
  
- **Intermediate Courses**
  - Depositional Systems – Source to Sink (2 day – Lecture and Core)
  - Sequence Stratigraphy and Reservoir Characterization of Non-marine, Marginal Marine and Incised Valley Deposits: Example from the WCSB (2 or 3 day – Lecture and Core)
  - Stratigraphic Organization of Incised Valley Systems (2 day - Lecture and Core)
  - Fluvial Systems (2 day – Lecture and Core)
  - Shoreface and Incised Valley Systems (3 day - Lecture and Core)
  - Shelf, Slope and Deepwater Systems (2 day – Lecture and Core)
  - Resource Plays: Examples from the WCSB (3 days - Lecture and Core)
  - WCSB Jurassic-Cretaceous Foreland Basin Play Types – Core and Correlation Workshop (3 day - Lecture and Core)
  
- **Play and/or formation specific**
  - Lower Cretaceous Basal Quartz/Cadomin, Ostracod Formations and equivalents (3 day - Lecture and Core)
  - Lower Cretaceous Glauconitic Formation (2 day - Lecture and Core)
  - Upper Cretaceous Viking, SWS, Cardium and Belly River Formations (3 day - Lecture and Core)
  - Triassic – Montney, Halfway and Doig (2 day - Lecture and Core)
  - Wabamun – Exshaw – Banff (WEB) Play (3 day – Lecture and Core)

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