



1-Day Cementing Engineering Software Training Syllabus

Morning (8am–12pm)

- Cement functions
- Success and failure
- Fluid properties
- Rheology and flow patterns

Afternoon (1pm–5pm)

- U-tubing, EMW and ECD
- Hydraulics overview for displacement operations
- Displacement efficiency modeling

Possible Additional Topics (as time allows and student interest dictates)

- Class exercise
- Casing centralization
- Casing standoff and its impact on hydraulics
- Temperature modeling
- HTHP considerations
- Land and offshore wells
- CentraDesign/CEMLife software introduction
- How to improve cement success rates
- Foam cementing
- Torque and drag during cementing
- Cement stress model

Refreshments and lunch will be provided

10 minutes break every hour