

## Professional Development Hours (PDH) As part of an OLI training

OLI trainings may qualify towards Professional Development Hours (PDH) for your professional organization.

### *Background*

OLI trains engineers, scientists and chemists, each of whom may be a member of a particular professional organization. While we cannot guarantee that training time in OLI classes will be accepted as PDHs by your organization, we can provide information regarding aspects of their eligibility, including the class venue, the training content, and the background of OLI instructors.

### *Class venues*

OLI training classes are taught in either a traditional classroom setting or via web where participants are logged onto a common web location. All training includes hands-on access to OLI software and interactive communication with the instructor and participants.

### *Training content*

OLI training classes train on electrolyte chemistry simulation and principles. Electrolyte chemistry simulation techniques are taught using one or more OLI software components. Classes content includes:

- 1) instructions on how develop calculations to solve chemistry question (e.g., bubble point of a binary mixture vs. concentration and pressure),
- 2) discussion on the underlying electrolyte chemistry principles governing the properties calculated (e.g., why does pH or a solid solubility change with salinity or temperature), and
- 3) instruction on how to analysis and interpret simulation results (e.g., chemical speciation, phase partitioning, osmotic pressure, etc.).

This information is essential for training participants to use effectively, electrolyte simulation and OLI simulation software tools in modeling their own chemical process.

### *OLI instructors*

Every OLI instructor is an electrolyte simulation expert with an advanced degree in either environmental science, physical chemistry, corrosion engineering or chemical engineering. Each instructor has extensive experience in navigating through OLI software and can guide class participants towards becoming successful simulation users. In addition, OLI instructors regularly participate as consultants, as principal investigators in OLI Simulation Studies for clients.

### *Classes available*

OLI offers standard training for a particular industry, drawing from an inventory of case studies selected based on class interest. OLI also offers, custom training for participants who submit their priority applications in advance.