

## Flowsheet Modeling Basics (FMB) Course September 2020

**Instructor:** AJ Gerbino, PhD

**Time:** 2 days (One 3-hour web session each day)

**Course Description:** This course is designed to train participants in using electrolyte-based, flowsheet simulation software.

**Summary:** The class is designed for participants with little or no flowsheeting experience using OLI. Intermediate level clients will also benefit with questions about specific techniques for formulating cases in OLI Flowsheet: ESP. Participants will build and optimize cases, interpret results, and discuss the important chemistry processes of each application. Class problems will be selected by class participants

### Class Content

Possible applications include (determined by participants' interests):

Autoclaves	Evaporative crystallization
Flue gas desulfurization	Steam generation
Strippers and Scrubbers	Lithium pond evaporation
Gas sweetening / regeneration	Cooling towers and cycle up
Lime softening	Syngas purification
Clay-resin fixation	Desalination
Multi-stage evaporation	Chemical recovery and purification
Claus plants	Wastewater treatment
Chemistry in refinery overheads	

Register:      Web:            <https://www.olisystems.com/oli-training>  
                    Email:           [dira.silvera@olisystems.com](mailto:dira.silvera@olisystems.com)  
                    Phone:           +1-973-969-2846

Accommodations:      Please bring a laptop. You may also want to bring a tablet to view the training manual (not required).

OLI Software:           OLI Flowsheet: ESP and OLI Studio

**All participants receive 30-day evaluation licenses of Flowsheet: ESP & OLI Studio.**