

TRAINING COURSE

Petrochemical Industry Fundamentals

This course addresses industry profitability fundamentals, including chemical structures and properties, process technologies, cost of production methodologies, key producers, end-use applications, market sizes, and trade patterns across the petrochemical value chains.



Larry Tan

*VP, Chemical Consulting
in Asia*

1. Detailed look at the foundation of the petrochemical industry

- Feedstocks, including natural gas, NGLs, petroleum, coal, and biobased.
- Industry's 7 Basic Building Blocks: Syngas, Ethylene, Propylene, C4 Olefins, Benzene, Toluene, and Xylenes.
- Exploration of each building block's value chain.

2. Downstream: a look at more specialized product areas

- LAOs, EO/MEG, PO, Phenol, BPA, PC, Epoxies, Acrylics/SAP, Plasticizers,
- ACN, Synthetic Rubbers, 1,4-BDO, ABS, Nylons, Polyurethanes, PF, MF, UF Resins and many others

3. Places current industry structure into historical perspective

4. Interactions underlying the petrochemical industry

- Technology, markets, and economics

5. What drives present market conditions?

6. Where are future growth opportunities?