



Petrochemical II: Plant Economics and Forecasting

*A brief revision of the value chains
Today's headline market conditions
How to analyse short-term markets,
including the use of polyolefins pricing, trade,
margins and supply and demand data
Understanding plant economics*

MODULE 1 (3 hours & 45 minutes)

15 minutes	Welcome and Introduction
1 hour & 45 mins	Petrochemicals overview revision <ul style="list-style-type: none">• Key building blocks and value chains• Interactive quiz on value chains• Today's market dynamics in olefins and aromatics
15 minutes	BREAK
1 hour & 15 mins	Understanding netbacks and spreads <ul style="list-style-type: none">• Crude netbacks: The importance of price differentials between countries and regions• The roles of freight and duties in shaping final netbacks• Combining netbacks with trade data• How to use spread analysis to assess industry profitability
15 minutes	Summary and conclusion

MODULE 2 (3 hours & 30 minutes)

1 hour & 30 mins	Industry Cost Analysis and Margins <ul style="list-style-type: none">• Cost structure build-up• Product yields, role of co-products• Essentials of cost analysis• Understanding industry cost curves• Examples of our margins
15 minutes	BREAK
30 minutes	Practice exercise and discussion
1 hour	A guide to short term forecasting <ul style="list-style-type: none">• How to use trade data to assess export and import flows• Building forecasts for trade flows• Estimating short-term supply and demand• Why businesses need price forecasting
15 minutes	Course summary and wrap up