



## Overview of Gas Processing - G-2

### COURSE

#### About the Course

G-2 is a versatile overview of the gas conditioning and processing industry. This course is designed for a broad audience and is engaging and interactive, utilizing basic technical exercises and terminology to communicate key learning points. This course does not cover the technology and engineering principles in depth, and is only recommended for those needing an overview of the industry and common processes and equipment used.

*"Good interaction between trainer and class, lots of real world examples (not too theoretical)." - Product Engineer, The Netherlands*

*"I learned a lot of basics about gas in this course. This is exactly what I wanted to get out of it." - Commercial Development, United States*

#### Target Audience

As a wide ranging overview, it is suitable for interested parties, such as geologists, reservoir engineers, procurement professionals, and sales or business development staff; related specialists like environmental staff, operational staff, and shift foremen; those new to the industry, such as entry-level (1-2 year) engineers; or anyone interested in a general, technically-oriented overview of the gas processing industry.

#### You Will Learn

- An overview of natural gas and world energy trends
- Natural gas sources, makeup, properties, specifications, and related oil and gas terminology
- Markets and uses for NGL, LPG, ethane, propane, and butane
- Summary of gas processing costs, and commercial and contract issues in liquids extraction
- How gas is transported and sold
- Overview of the common equipment used in the oil and gas industry, including heat exchangers, pumps, and compressors
- Options for various basic gas conditioning and processing steps, including acid gas removal, dehydration, liquid extraction, product fractionation, LNG overview, pipelines, sulfur recovery, and acid gas injection

#### Course Content

- Natural gas and world energy trends
- Hydrocarbon components and physical properties
- The role of gas processing in the natural gas value chain
- Heat transfer equipment
- Pumps and compressors
- Acid gas removal
- Gas dehydration
- NGL extraction
- Fractionation and stabilization
- LNG
- Pipelines and storage
- Sulfur recovery and acid gas injection

### Product Details

Categories: [Midstream](#)

Disciplines: [Gas Processing](#)

Levels: [Basic](#)

Product Type: [Course](#)

Formats Available: [In-Classroom](#) [Virtual](#)

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### In-Classroom Format

'23 Oct 17 - '23 Oct 19	Course   In-Classroom (in Houston)	\$3,475.00
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### Virtual Format

'22 Oct 18 - '22 Oct 27	Course   Virtual (Houston UTC)	\$2,935.00
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'23 Aug 22 - '23 Aug 31	Course   Virtual (Houston UTC)	\$2,995.00
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