Introduction to Midstream

A big picture look at midstream for new employees or those who want to know more about how the industry works. Learn what happens at midstream operating facilities to transform raw materials into valuable energy resources and the feedstock used to make thousands of everyday products.

COURSE OVERVIEW

Designed and taught by an industry pro with decades of midstream experience, this course covers the whys and hows of gas processing, including midstream products, roles of a gas plant, equipment used, and the processes used to make natural gas, natural gas liquids and other valuable products. Using the GPSA Engineering Data Book as a reference, students will participate in interactive lectures, perform light calculations, and work in teams to design their own gas processing facility.

WHAT YOU'LL LEARN

Day 1: Introduction and General Information, Plant and Processing Overview and Economics, Physical Properties, Dehydration, Hydrocarbon Treating and Recovery

Day 2: Refrigeration, Fractionation, Sulfur Recovery, Fluid Flow and Piping, Storage, Heat Exchangers, Air Cooled Exchangers, Cooling Towers, Prime Movers, Pumps and Hydraulic Turbines

Day 3: Compressors and Expanders, Fired Equipment, Instrumentation, Measurement, Safety & Relief Systems, Utilities, Gas Processing Facility Design Exercise

DATES & LOCATION

March 4-6, 2026
Tulsa, Okla.

REGISTRATION RATES

GPA Midstream and GPSA Members: $1,540
Non-Members: $3,080

More information: GPAMidstream.org/education/intro-to-midstream/
Email with questions news@gpamidstream.org.