

Recommended PETEX Books

Fundamentals of Petroleum, 5th ed.
The most comprehensive manual of its kind!

This unique book is geared toward the broad spectrum of workers involved in today's petroleum industry. From geology and exploration through drilling, production, refining, and environmental concerns, this easy-to-read text takes readers on a full-scale journey from discovery to consumer households. Covers the basics along with technological advancements. Colorfully illustrated. Divided in five distinct parts. 2011, 720 pp.

Also available with an Online Assessment as a Distance Learning Certificate Program. Glossary terms are provided in *A Dictionary for the Oil and Gas Industry, 2nd Edition*.

A Dictionary for the Oil and Gas Industry, 2nd ed.

A reliable resource of over 12,000 definitions of terms used throughout the oil and gas industry. Illustrated, easy to use. Includes industry associations, key government agencies, lists of common abbreviations, SI units, and metric equivalents. 2011, 336 pp.

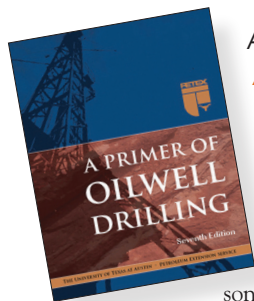
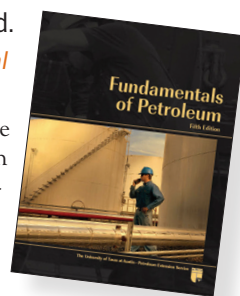
A Primer of Oilwell Drilling, 7th ed.

A Basic Training Text on Oil and Gas Drilling

The backbone of quality training and teaching programs worldwide, this long-standing PETEX book remains top of the list among educational content for today's petroleum personnel. Subject-matter expert **Dr. Paul M.**

Bommer of The University of Texas at Austin has taken this industry staple to a new level, while preserving it as the comprehensive first reader of the oilwell drilling industry. Covers drilling processes on land and offshore from exploration to well completion. Fully illustrated with a helpful glossary and index. Originally constructed in cooperation with the International Association of Drilling Contractors (IADC). 2008, 264 pp. Also includes 20" x 24" full-color Rotary Rig and Its Components Poster.

Also available with an Online Assessment as a Distance Learning Certificate Program.



OTHER PETEX COURSES

Completion and Workover

Fundamentals of Petroleum Measurement

Intermediate Petroleum Measurement

Advanced Petroleum Measurement

Hydraulics for Pipeline Engineers

Pipeline Technology

Pipeline Construction Inspection—*new blended course*

LNG: Basics of Liquefied Natural Gas

Mass Measurement of Hydrocarbon Fluids

Natural Gas Measurement—*Fundamentals and Meter Station Design/Application/Inspection*

Natural Gas Measurement—*Electronic Flow Measurement*

Natural Gas Measurement—*Sampling and Analysis*

Valves and Actuators—*Operation and Maintenance*

ValvePro® Certified Valve Maintenance Technician

Additional Custom Courses and Seminars are also available.

Enrollment Information

For additional information, contact—

PETEX Houston Training Center
The University of Texas at Austin
4702 North Sam Houston Parkway West, Suite 800
Houston, TX 77086

Tel: 800.687.7052

or 281.397.2440

FAX: 281.397.2441

Email: htc@www.utexas.edu



The University of Texas at Austin
Petroleum Extension (PETEX™)

PETEX Instructor-Led Training

Introductory Courses

- ◆ Rig School™—*Introduction to Offshore Operations*
- ◆ Petroleum Fundamentals
- ◆ Elementary Drilling—*Offshore and Onshore*



petex.utexas.edu

January, 2016

Petroleum Fundamentals

3.3 CEUs, 35 CPEs for Texas Accountants (no prerequisites required), 24 CEs for TDI licensees, 27 CEs for Texas Landmen

Length: 4.5 Days

Covers the basics of petroleum, starting with industry terminology, geology, exploration, and leasing. Reviews drilling, production, transportation, equipment usage, and operating procedures upstream, midstream, and downstream. Addresses safety, economics and regulatory concerns. *Customized, condensed course versions available.*

Course Content

- Petroleum geology and exploration
- Aspects of leasing
- Drilling rig components and personnel
- Routine and nonroutine drilling operations
- Well control
- Production operations
- Petroleum transportation offshore and onshore
- Refining and processing
- Macroeconomic outlook of upstream sector

Recommended For

New employees; attorneys; insurance, finance, accounting, and administrative personnel; and anyone who needs an overview of the petroleum industry.

Recommended Books (50% discount when purchased during course): *Fundamentals of Petroleum*, 5th ed. and *A Dictionary for the Oil and Gas Industry*, 2nd ed.

Included with Course

- Catered lunch daily; beverages and snacks provided
- Industry field trip
- Course materials including instructor presentations



The Rig School™

(Introduction to Offshore Operations)

3.3 CEUs, 35 CPEs for Texas Accountants (no pre-requisites required), 24 CEs for TDI licensees, 27 CEs for Texas Landmen, and 2.75 MCLEs for

Texas Lawyers

Length: 4.5 Days

Provides the basics of offshore drilling operations. Explains the environment, logistics, equipment, procedures, safety requirements, emergency response, and regulations unique to petroleum exploration, drilling, and production activities offshore. Includes an overview of petroleum economics and investment decision-making specific to the offshore industry.

Course Content

- Geology and geophysics in offshore exploration
- Offshore lease acquisition
- Offshore drilling and production
- Well planning and business aspects
- Maritime and state law and offshore regulations
- Offshore storage and terminals
- Offshore catastrophes and emergency response
- Insurance for offshore operations
- Economics of offshore exploration and development

Recommended For

New employees; attorneys; insurance, finance, and administrative personnel; and anyone who needs basic knowledge of offshore operations.

Recommended Books (50% discount when purchased during course): *Fundamentals of Petroleum*, 5th ed. and *A Dictionary for the Oil and Gas Industry*, 2nd ed.

Included with Course

- Catered lunch daily; beverages and snacks provided
- Industry field trips
- Evening social and networking events
- Course materials including instructor presentations



Elementary Drilling—Two Options

Elementary Drilling—Offshore

3.0 CEUs, 25 CPEs for Texas Accountants, and 22.5 CEs for Texas Landmen

Length: 4 Days

Covers basic rotary drilling practices and rotary rig components on offshore irgs. Reviews well planning, rig systems, directional drilling, well control, fishing, and well completion.

Course Content

- Introduction to petroleum
- Well planning
- Types of drilling rigs
- Power, hoisting, rotating, and circulating systems
- Blowout preventer system
- Drilling operations
- Well completions

Elementary Drilling—Onshore

3.0 CEUs, 27 CPEs for Texas Accountants, and 22.5 CEs for Texas Landmen

Length: 4 Days

Covers basic rotary drilling practices and rotary rig components on onshore rigs. Reviews well planning, rig systems, directional drilling, well control, fishing, and well completion.

Course Content

- Introduction to petroleum
- Well planning
- Types of drilling rigs
- Power, hoisting, rotating, and circulating systems
- Blowout preventer system
- Drilling operations
- Well completions

Both Courses are Recommended For

Entry-level drilling personnel and those not directly involved in drilling but who need to know basic drilling principles and nomenclature.

Recommended Book (50% discount when purchased during course): *A Primer of Oilwell Drilling*, 7th ed.

Included with Both Courses

- Catered lunch daily; beverages and snacks provided
- Industry field trip
- Course materials including instructor presentations