PETEX™ Global Learning Solutions

Since 1944, the petroleum industry has endorsed PETEX as a trainer of choice, because it delivers quality education and makes sure that the backbone of the industry—its people—are performing their best. PETEX subject-matter experts help ensure that learning content is current and of high quality. PETEX instructors blend extensive field experience with innovative instruction techniques to provide engaging classroom and hands-on instruction on topics critical to everyday performance. The PETEX team is dedicated to serving clients’ needs with relevant material and superior service.

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With oil and gas operations underway around the globe, PETEX continues to deliver learning content on your terms. We provide state-of-the-art materials, tailor courses to your needs, and supply the exact training content you need. You can attend classes at our Learning Centers in Houston and Odessa where a variety of scheduled classes and hands-on instruction are offered. Or, you can take advantage of our online, mobile, or portable e-learning solutions. And to support training, PETEX offers a complete line of educational publications in print and e-formats, videos, and a variety of new e-products to assist and assess learning.

To tackle the challenges of today’s oil and gas industry, you need precision—the right knowledge and skills to do the job right. PETEX has a global reputation for providing top-quality petroleum training programs and content, and we remain ready to help you meet your training needs. Contact us today!
# 2014 PETEX™ Catalog

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THE UNIVERSITY OF TEXAS AT AUSTIN
CONTINUING & INNOVATIVE EDUCATION
PETROLEUM EXTENSION SERVICE

www.utexas.edu/ce/petex
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* Refers to PETEX Learning Stick™ for enterprise customers with 100+ users.

### New in 2014

- More e-Products on iPad tablet
- More e-Products on the PETEX Learning Stick
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- Petroleum Measurement Seminars
- New Roughneck Training Manual
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- Drilling Technology Certificate Program
- Natural Gas Certificate Program

For information on availability, check our Web site: [www.utexas.edu/ce/petex](http://www.utexas.edu/ce/petex).
PETEX™ provides open enrollment training courses at its PETEX Learning and Assessment Centers in Houston and Odessa, Texas. For course information, dates, and pricing, see pages 7–8. To shop online, visit www.utexas.edu/ce/petex/our_courses.

**Locations:** (For maps and directions, visit www.utexas.edu/ce/petex/about/enrollment.)

**PETEX Learning and Assessment Center—Houston.** 4702 North Sam Houston Parkway West, Suite 800, Houston, TX 77086 (convenient to the George Bush Intercontinental Airport)

**PETEX Learning and Assessment Center—Odessa.** The University of Texas of the Permian Basin (UTPB), South Road

Instructor-led courses are taught by experts from the oil and gas industry with current knowledge and years of field experience. Courses allow for open discussion and ample interaction with instructors and fellow participants. PETEX curricula combines lectures, classroom exercises, hands-on practice, and field trips for an optimal learning experience.

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Call: 800.687.7052 or 281.397.2440

Fax: 281.397.2441

Email: plach@www.utexas.edu

**Tuition must be paid in full at least thirty (30) days prior to class start date.** Upon receipt of full payment, you will receive an email confirmation, a receipt of payment, invitation letter (if applicable) and a link to a map to the learning location as well as a list of hotels offering special PETEX rates (upon request). Tuition fees cover course instruction, course materials, lunch, and light refreshments. Travel, meals other than lunch for full-day sessions, and accommodations are not included in our fees and are the responsibility of the participant. Price is per participant unless otherwise noted. Tuition is subject to change without notice.

Payment may be made by credit card, check, or money order made payable to The University of Texas at Austin. For detailed payment instructions, visit www.utexas.edu/ce/petex/about/enrollment or call 800.687.7052. An Enrollment Form can be accessed online, and you can supply credit card information using our secure online system or fax your enrollment form. Personal checks or cash are not accepted. Tuition paid by wire transfer will be invoiced an additional $50 bank processing fee. All checks and wire transfers must be in U.S. dollars and must be drawn on a U.S. bank. All international customers are responsible for their own custom fees, duties, and taxes. Customers must pay any and all bank-handling charges.

**Cancellations**

A full-tuition refund for a cancellation can be obtained thirty (30) days prior to the first class date of a course. There is a 50-percent penalty for cancelling after the full-tuition-refund deadline prior to the first class date of a course. There is no refund for cancellations made ten (10) days or less prior to the first class date of a course.

**Transfers**

You may transfer enrollment if you request the transfer at least seven (7) days prior to class start date. If the transfer is made less than seven (7) days prior to the class start date, the company requesting the transfer must find a replacement from the company or forfeit all tuition. If the client is transferring to a course that falls in the next year, then the company/client is responsible for any and all increase in tuition fees. If a client has been transferred once by PETEX and does not attend the course for whatever reason, then the client forfeits all tuition, enrollment is not transferable to another person in the company, and the client cannot request an additional transfer to another course.

**Completion Certificates**

Upon satisfactory completion of a course, you will receive a Certificate of Completion from The University of Texas at Austin–PETEX. Note: courses are not for academic credit and are not part of a college degree program.

**Professional Credits**

Continuing Education Units (CEUs) from The University of Texas at Austin may be awarded. CEUs are standardized units of nonacademic credit that are nationally recognized. Certain licensing agencies and many employers acknowledge CEUs as a way to record professional training.

The following licensing agencies have approved PETEX courses for professional development credits for their Texas members:

- The Texas State Board of Public Accountancy awards CPEs for The Rig School, Petroleum Fundamentals, and Elementary Drilling courses. No prerequisites are required on any of these courses.
- The Texas Department of Insurance awards CEUs for The Rig School and Petroleum Fundamentals courses. To be awarded CEUs, there is an added $25 administration fee to be paid at the time of enrollment.
- The Texas State Bar grants 2.75 hours of MCLEs for The Rig School course.

The number of hours awarded for the successful completion of a course is listed at the beginning of each course description. If you are a member of a professional organization from a state other than Texas or a foreign country, your organization might award professional credits based on these Texas approvals. Call 800.687.7052 for more information.

**Texas Professional Engineers (P.E.) Continuing Education Requirements**

All Texas Professional Engineers (P.E.) are required to have proof of 15 hours of continuing education activity for annual license renewal. The Texas Board of Professional Engineers (TBPE) does not require official documentation upon license renewal but does maintain the final authority to audit and review licensee’s renewal information. However, TBPE asks that licensees keep records.
documenting their continuing education activities for three years.

**PETEX offers:**

- **Continuing Education Units (CEUs):** Upon successful completion of a PETEX course, you will earn a specified number of CEUs, credit customarily used for continuing education courses. To meet the minimum annual continuing education activity requirement, Texas P.E.s need to earn 1.5 CEUs, including one hour (or 0.1 CEU) of professional ethics training.

- **Documentation:** PETEX provides a Completion Certificate detailing the course title, dates attended, and amount of CEUs earned. This document adequately provides proof of continuing education activities by the TBPE standards. If further documentation is required, PETEX can assist you.

**For further information contact:**
Texas Board of Professional Engineers  
1917 South IH 35  
Austin, TX 78741  
Phone: 512.440.7723  
Email: peboard@tbpe.state.tx.us  
www.tbpe.state.tx.us

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**E-PRODUCTS, TRAINING VIDEOS, AND PUBLICATIONS**

PETEX provides a variety of e-products including e-learning modules, distance learning, e-books, assessments, and various tools available on a per-user subscription basis. For e-product information, pricing, and availability, see page 19.

In addition, PETEX offers an extensive line of publications (page 42) and training videos (page 34). To shop online, visit www.utexas.edu/ce/petex.

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As soon as PETEX receives payment, clients are granted access to e-products, generally within one to two hours on U.S. business workdays.

For in-stock print books and videos (DVDs), shipment usually occurs within 2 to 3 business days from order placement. Additional delivery time may be required for items not regularly stocked. Special shipping arrangements can be made by calling 800.687.4132 or 512.471.5940. Sales tax (when applicable) and shipping charges will be added to the order and must be paid by the customer. Materials are shipped via FedEx and require a street address. Please no P.O. Box numbers. For international orders, payment must be received before the order is shipped. All international customers are responsible for paying their own custom fees, duties, and taxes to ensure delivery.

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*For all products and services: Pricing, terms, and availability are subject to change without notice.*

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For orders originated within the United States, PETEX accepts the following credit cards:

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- MasterCard
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For international orders, payment must be received before the order is shipped. Remittance must be in U.S. dollars. Any bank handling charges must be paid by the customer. All checks and wire transfers must be in U.S. dollars and must be drawn on a U.S. bank. No foreign checks can be accepted. *All international customers are responsible for their own custom fees, duties, and taxes.*

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Fax 800.687.7839 or 512.471.9410  
Email petex@www.utexas.edu*

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Selected e-products may offer a Completion Certificate from The University of Texas at Austin–PETEX upon satisfactory completion of a program as noted in the product descriptions. *Note: programs are not for academic credit and are not part of a college degree program.*

**Professional Credits**

Continuing Education Units (CEUs) from The University of Texas at Austin are awarded for some programs as noted in the product description. CEUs are standardized units of nonacademic credit that are nationally recognized. Certain licensing agencies and many employers acknowledge CEUs as a way to record professional training.

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Energy policy expert Dr. Michael E. Webber presents a series of original insights on energy strategy and offers prescriptions for sound, rational energy policy solutions at the state, federal, and international level. In the form of a collection of published articles, 2009, 56 pp.
Print $15
e-Book $13
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Fundamental Principles of Gas Turbines Workbook

Tied to Fundamental Principles of Gas Turbines book
A workbook to help learners understand and retain the material covered in the book. Consists of three segments addressing chapters in the textbook, beginning with a list of objectives and ending with test questions. 1981, 68 pp.
Cat. no. 1.76016 ISBN 0-88698-148-4
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NEW EDITION

Land and Leasing, 2nd ed.
For landowners, oil and gas investors, oil company employees, land professionals, and anyone interested in becoming a land professional. Authored by experienced land professionals Dan McCue and Deborah Hubbs, this updated edition explains the legal aspects of using land for mineral production, including ownership, leasing, and agreements for exploration and development. Covers oil and gas leases, government regulations, and cooperative agreements between companies. Appendices offer supplemental information on regional leasing practices and calculating interests. 2013, 224 pp.
Cat. no. 1.00120 ISBN 0-88698-263-4
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Practical Petroleum Geology, 2nd ed.
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Print + e-Book $127

Essential for anyone who needs to learn about electronics as it applies to the petroleum industry. It discusses the elementary concepts of electricity and magnetism and the principles of solid-state electronics. Contains 13 chapters, an extensive glossary, and review questions. 2003, 238 pp.
Cat. no. 1.41040 ISBN 0-88698-199-9
Print $84
e-Book $71
Print + e-Book $140

Pricing and availability are subject to change without notice.
General Reference

Basic Electricity for the Petroleum Industry, 2nd ed.
Covers electrical flow; electrical power, magnetism, and electricity; and electrical generation. Also discusses electric motors, transformers, auxiliary equipment, motor controls, measurement of voltage, current, and other variables. 1977, 152 pp.
Cat. no. 1.40020 ISBN 0-88698-109-3
Print $37
e-Book $31
Print + e-Book $62

Basic Electricity for the Petroleum Industry Workbook
Tied to Basic Electricity for the Petroleum Industry, 2nd ed.
This companion to Basic Electricity for the Petroleum Industry is designed to help learners understand and retain the material covered in the book. Learning objectives are stated under mandatory reading and self-study questions address the main points in each chapter. 1981, 48 pp.
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NEW BOOK!
An essential reference for all accounting and financial professionals as well as investors in today’s global energy industry. The book was produced in conjunction with leading international professional services firm PricewaterhouseCoopers LLP (PwC) and published by the Professional Development Institute at the University of North Texas. PETEX is pleased to offer this book to help provide petroleum accounting professionals with a reliable resource on current concepts and practices. 2011, 680 pp.

Content includes:
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Drilling
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BEST-SELLER
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” × 24” full-color Rotary Rig and Its Components Poster.
Cat. no. 2.00070 ISBN 0-88698-227-8
Print $110
e-Book $94
Print + e-Book $183
Also available with an Online Assessment as a Distance Learning Certificate Program (see page 30).

Conceptos básicos de perforación, 4th ed.
Cat. no. 2.00042 ISBN 0-88698-135-2
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e-Book $36
Print + e-Book $70

Introduction to Well Control, 2nd ed.
Assists drilling crews with the basics of well control, taking a rig hand through fundamentals beginning with pressure concepts and moving through kick warning signs and blowout prevention. 1999, 116 pp.
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Practical Underbalanced Drilling and Workover
Drilling expert Bill Rehm of Far East Energy provides a detailed view of underbalanced drilling operations with terms, calculations, and guidelines. Covers surface control and downhole equipment, circulation, the fluid column, types of drilling, corrosion, and more. Includes the current IADC WellCAP curriculum for underbalanced drilling. 2002, 204 pp.
Cat. no. 2.60110 ISBN 0-88698-198-0
Print $68
e-Book $58
Print + e-Book $113

Principles of Drilling Fluid Control, 12th ed.
Cat. no. 2.70120 ISBN 0-88698-118-2
Print $37
e-Book $31
Print + e-Book $62

Well Control for Completion and Workover
Cat. no. 2.80210 ISBN 0-88698-155-7
Print $53
e-Book $45
Print + e-Book $88

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This special condensed series is made up of three individual books (segments) on selected material from the Rotary Drilling Series. Designed for industry personnel, petroleum technology students, and general personnel involved in rotary drilling operations.

Purchase all three segments individually $180

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<td>Introduction to Rotary Drilling</td>
<td>Explains basic geological concepts and moves through a vibrant description of the rotary rig and its components, focusing on the mud system, the drill stem, and the bit. 1982, 172 pp.</td>
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<td>Covers routine operations—the procedures and calculations necessary for directional drilling, fishing, well control, and rig optimization. 1984, 230 pp.</td>
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<td>III</td>
<td>Special Drilling Operations</td>
<td>Covers nonroutine operations—the procedures and calculations necessary for directional drilling, fishing, well control, and rig optimization. 1984, 230 pp.</td>
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**ESSENTIAL TEACHING TOOL**

**The Rotary Rig and Its Components Poster**
A detailed full-color, labeled illustration of the key equipment of a drilling rig. An effective instructional tool, the poster identifies key rig components. An attractive wall hanging available in four languages and suitable for framing. Try the Interactive Online Rig Tool for an e-learning perspective on the drilling rig: available as an instructional tool (visit www.utexas.edu/ce/petex/digital/elearning for a demo). Print only.

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**Pocket-Sized Handbooks**

**Arithmetic for Rig Personnel**
Pocket-sized quick reference with the calculations rig hands frequently encounter. Emphasizing use of the calculator, this handbook gives equations for important rig calculations and other tools to help crewmembers save time and avoid mistakes. 2009, 72 pp.

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**H₂S Safety Handbook, 2nd ed.**
Pocket-sized quick guide to general hydrogen sulfide (H₂S) safety procedures. Covers the sources and properties of H₂S, its hazards, how to detect the gas, the symptoms of H₂S exposure, and procedures for exposed coworkers, as well as types of protection and apparatus to ensure safety. 2008, 24 pp.

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**Quick Reference for Oil and Gas Measurement**
Pocket-sized handbook with helpful information to perform measurement tasks. Addresses the special requirements of oil and gas measurement and includes mathematical symbols and signs, measurement abbreviations, numerical prefixes, international system of units (SI), conversion tables, temperature conversion in degrees, and API gravity conversions. 2007, 32 pp.

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An industry standard, this best-selling series comprises five units, each containing separately bound lessons. The units collectively cover a broad range of rotary drilling operations and technical information associated with each topic. Originally constructed in cooperation with the International Association of Drilling Contractors (IADC). Measurements are given in both U.S. and SI units. In some cases, previous editions are available in Spanish while supplies last.

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e-Book $1,144
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Cat. no. 2.10000
Print $419
e-Book $356
Print + e-Book $698
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La barrena, 3rd ed.
SPANISH, 1981: cat. no. 2.10232 $16

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SPANISH, 1984: cat. no. 2.11122 $16
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Introduces rig crewmembers to well-test procedures and various completion methods and equipment that operators use to finalize a well. Also covers reservoir characteristics to help understand how formations are evaluated and how formation testing and completion are done. Includes illustrations, summaries, review questions, and a glossary. 2001, 124 pp.

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Quick Reference for Oil and Gas Measurement
See page 44.

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