

IN JUST THREE DAYS, YOU WILL LEARN THE fundamentals and language of petroleum exploration, drilling, and production . . . and have fun doing it!

This understanding of the oil and gas industry will enable you to communicate more efficiently and perform your job more effectively.

You will be introduced to exploration techniques and tools that geologists and geophysicists use, such as correlation, mapping, and seismic.

Dr. Norman J. Hyne, the instructor, will explain the methods used to drill, test, and complete a well, and how the gas and oil are produced.

You will work with samples of geological and engineering materials, plus you will learn to identify common rocks and minerals using various different hands-on methods.

Exercises throughout the course provide practical experience with well correlation, well log interpretation, subsurface map interpretation, and seismic interpretation. You will actually locate where to drill a well on the map you correlated!

This seminar is well illustrated with continuous power points plus hands-on samples including a drill bit, the Wilcox Sandstone, and samples of various crude oils.

BONUS: You will hear stories throughout the program of many famous (and not so famous) oil and gas professionals, which helps bring the industry to life.

Your Instructor

Dr. Norman J. Hyne, is a Certified Petroleum Geologist and President of NJH Energy. He joined The University of Tulsa's Geosciences Department in 1969, became the Department Head in the late 1970s and is now Professor of Petroleum Geology in TU's Continuing Engineering & Science Education Department.

He received his geology degrees from Pomona College (B.A.), Florida State University (M.S.), and the University of Southern California (Ph.D.). Norm is a frequent contributor to professional publications, as well as the author of several books on petroleum geology and exploration. He is a member of SPE, AAPG, GSA, SEG, the Tulsa Geological Society and The Explorer's Club.

Basic Petroleum Geology for the Non-Geologist

This seminar is well illustrated with continuous power points plus hands-on samples including a drill bit, the Wilcox Sandstone, and samples of various crude oils.

Program Content

- What are gas and oil?
- The earth's crust
- Where we find oil and gas
- Hands-on identification of common rocks and minerals
- Deformation of the earth's crust
- How petroleum traps are formed
- Geological time and its importance
- Petroleum reservoirs formed by sandstone
- Petroleum reservoirs formed by limestone
- How sedimentary rock depositional patterns are used to find oil
- The different types of maps used to find petroleum
- Ocean environment and plate tectonics
 - An explanation of mountains, trenches, volcanoes, earthquakes, and Middle Eastern oil fields
- Generation, migration, and accumulation of petroleum
- The characteristics of petroleum traps
- Petroleum exploration using geological methods and seismic
- Drilling a well (the equipment, the methods, drilling problems and techniques)
- Evaluating a well
 - Well logging
- Completing a well
 - The equipment
- Petroleum production, well stimulation, and enhanced oil recovery

Walk Away Knowing . . .

1. The basic processes in the formation of rocks and petroleum.
2. The occurrence, distribution, and nature of oil and gas.
3. The use of geological and seismic data in petroleum exploration.
4. How to explore for oil and gas.
5. How to drill and complete a well
6. How to qualitatively interpret well logs.
7. How to produce petroleum and calculate reserves.
8. Stories about oil and gas professionals throughout history.

Who Should Attend

Do you need an overall perspective of petroleum exploration, drilling, and production in order to be more productive at your job? If so, this seminar is for you!

Past participants have included managers, accountants, landmen, draftsmen, attorneys, secretaries and clerks, geological and geophysical technicians, investors, petroleum service personnel, petroleum banking and financial ventures personnel, business administrators and executives, human resources personnel, geophysicists without geological training, computer programmers, economists, and engineers.

Dates, Times, and Locations

The seminar meets from 8:15 a.m. to 4:30 p.m. each day.

March 29-31, 2016 • Houston, TX

Doubletree Greenway Plaza, 6 Greenway Plaza East
713-629-1200

June 7-9, 2016 • Denver, CO

Marriott City Center, 1701 California Street
303-297-1300

August 23-25, 2016 • Houston, TX

Marriott West Chase Hotel, 2900 Briarpark Drive
713-978-7400

December 6-8, 2016 • Houston, TX

Doubletree Greenway Plaza, 6 Greenway Plaza East
713-629-1200

Overnight Accommodations: If you wish to make room reservations at the seminar site, contact the hotel directly. Specify you are with The University of Tulsa seminar for special group rates. To ensure space availability and special group rates, reservations should be made 1½ months prior to the seminar date.

Accreditation Information

This course qualifies for 1.95 CEUs (Continuing Education Units) and 19.5 PDHs (Professional Development Hours). American Association of Professional Landmen RLP and CPL Hours, Continuing Legal Education Hours, and CPE Hours for Accountants in many states.

Just a Few of the Course Benefits . . .

- You will see how the processes behind petroleum exploration and production contribute to your company.
- Your newly acquired skill set can immediately be put to work increasing your overall job productivity.
- This program will build your enthusiasm for the petroleum industry and increase your confidence.
- Obtaining a better understanding of the industry will allow you to communicate efficiently with others in your company.

"Excellent course. Learned a ton and was engaged the entire three days."

— Sara D., Landman, Noble Energy, Inc.

"Excellent course! Dr. Hyne will not put you to sleep and he knows his stuff!"

— Haley M. - District Sales Manager, Umimin Energy Solutions

"Norm is a GREAT teacher - the class was fun in addition to being very informative. I now feel I can understand my daily tasks better."

— Josh M., Engineering Geo Tech, BTA Oil Producers, LLC

"This class is a must for anybody that provides any kind of services to petroleum geologists."

— Aaron Y., Technology Delivery Analyst, ExxonMobil

You Will Receive . . .

- Course materials and hand-outs specially prepared for this program.
- Common rock and mineral kit
- Wallet card listing the geological times and various map symbols
- A copy of Norm Hyne's, "Nontechnical Guide to Petroleum Geology, Exploration, Drilling & Production", 3rd Edition
- Four wall charts: Petroleum Basin Map of the United States, Drilling and Production Rig Component Diagram, Well Log Response Chart, Oil and Gas Field Classifier
- University of Tulsa, CESE, Certificate of Completion

Registration Form (print legibly)

I would like to enroll in:

Basic Petroleum Geology for the Non-Geologist

- March 29-31, 2016 • Houston, TX
- June 7-9, 2016 • Denver, CO
- August 23-25, 2016 • Houston, TX
- December 6-8, 2016 • Houston, TX

Name _____

Title _____

Company _____

Address _____

City _____ State _____

Zip _____ Country _____

Participant Phone (_____) _____

Participant Email _____

ENROLL ONLINE AT WWW.CESE.UTULSA.EDU

(credit card payments only)

Tuition Fee (net U.S. dollars):

- \$1795 per person - Group Discount
- \$1995 per person - Early Enrollment Discount
- \$2295 per person - Regular Tuition Fee

Method of Payment:

Check enclosed. *Make payable to The University of Tulsa, CESE*

VISA MasterCard Discover Am. Exp.

Card Number _____

Exp. Date _____ CSC Code _____

Name on Credit Card _____

Billing Address _____

City _____ State _____ Zip _____

Contact our office at:

The University of Tulsa, CESE
800 South Tucker Drive
Tulsa, OK 74104-3189 USA
CALL: 918-631-3088
EMAIL: cese@utulsa.edu



It's Easy To Enroll

1. **Return the registration form to:** The University of Tulsa, Continuing Engineering & Science Education, 800 S. Tucker Drive, Tulsa, OK 74104-3189
2. **Call our office at** (918) 631-3088
3. **Fax the form to** (918) 631-2154
4. **Email us at:** cese@utulsa.edu
5. **Enroll online:** www.cese.utulsa.edu (credit card payments only)
6. **Use our QR Code** to go to our website.



Seminar Fee: The seminar fee includes all course materials (see What You Will Receive section), certificate of completion, and daily break refreshments.

Early Enrollment Discount: To qualify, your registration and payment must be received in our office one month prior to the seminar location you plan to attend.

Group Discount: Available to groups of three or more people from the same company attending the same location.

Refunds: All paid seminar fees will be refunded in the unlikely event the course is canceled. Those who cancel five working days or less prior to the seminar will receive a refund less an administrative fee of \$95. Refunds will not be granted after class has begun or for nonattendance. Substitutions are permitted at any time.

UNABLE TO ATTEND THE SEMINAR?

Sign-up for the shortened online version of this program, *Petroleum Exploration & Production: An Online Overview*.

This online course is designed to provide your company with an easily accessible, interactive, flexible, and exciting training tool.

- It provides a summary of the petroleum industry from what is natural gas and crude oil to how to explore, drill, and produce oil and gas.
- It is a technical program presented on a non-technical level through audio visuals, graphics, text, quizzes, and examples.
- Narrated by Dr. Norman J. Hyne - his enthusiasm of this topic will keep your interest.
- Learn at your own pace with the anytime, anywhere learning format.

For more information about this program, and to sign-up, visit our website at cese.utulsa.edu, call us at 918-631-3088, or email us at cese@utulsa.edu.

“Norman kept the class entertained and provided a rush of material, including interesting back stories that make the industry more relatable.”

— Jennifer S., Coordinator, GIS Products & Content, Integrated Informatics Inc.

“Provides a great understanding of geology and basic drilling principles for those supporting upstream companies.”

— M. Becker, Principal, Noah Consulting

“I wish I could have taken this 2 years ago when I started in the O/G industry, so many aspects make sense now.”

— C. Culpepper, Geo-tech, Cabot Oil & Gas Corp.

“This course was amazingly informative. I wasn't expecting to learn as much as I did. Who thought rocks could be so cool?”

— D. Jordan, Secretary, DOI-Bureau of Safety & Environment

“I was not looking forward to this class because I thought I would be bored or get lost...to my surprise, it was amazing and I learned a ton!”

— K. Watson, Office Manager, Enhanced Oil Resources

“Amazing course. Super helpful. Norm is a fantastic instructor.”

— David D., Division Order Analyst, Four Point Energy, LLC

“Excellent job explaining basic concepts in an entertaining fashion and then showing how knowledge is practically applied to the petroleum industry.”

— Jeremy R., Threat Analyst, Chevron

“Wow, Wow, Wow!”

— J. Scheiner, Associate, Denham Capital

The Original Short Course Since 1979

Basic Petroleum Geology

for the Non-Geologist

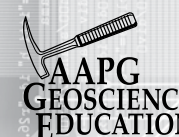
Learning the language and process of:
Exploration • Drilling • Production

MARCH 29-31, 2016
Houston, TX

JUNE 7-9, 2016
Denver, CO

AUGUST 23-25, 2016
Houston, TX

DECEMBER 6-8, 2016
Houston, TX



Instructed by
Norman J. Hyne, Ph.D.



THE UNIVERSITY of
TULSA

Continuing Education for
Science & Engineering

INDUSTRY'S TRAINING RESOURCE