Master Class Series

The E&P Business in a Day

Turning a rock into a dollar

TRACS Training Master classes

One day Master classes are designed for people who want to update or refresh on specific topics without having to spend a week out of the office. The classes are led by experts in their respective fields and provide an opportunity for learning, inspiration, conversation and networking.

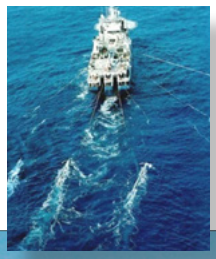
Designed for:
Anyone wanting a high level overview of the whole E&P business and a broad understanding of how it all fits together.

Duration:
1 Day

What does everyone do in E&P and how does it come together as a business?

So you have a clear view of your own job or department but what's happening in other departments or in other companies involved in E&P? If you're working in a specialist job, or in a non-technical role this may not be clear.

This event paints the broad picture of the E&P business from exploration through appraisal, development and production to ultimate decommissioning. It passes through the fields of geoscience, drilling, subsurface and surface engineering and commercial planning but does so in non-technical language, accessible to all.



The emphasis is on how it all links together, and where everyone fits in in the E&P value chain. We will start the day with a black rock full of carbon and end the day on a dollar, finally taking a look into the crystal ball at the future of the E&P business globally.

Early Development
E&P Overview
Reservoir
Wells
Business & Risk
Open Air
Coaching
Master Class

Master Class Series

The E&P Business in a Day continued

Course Content:

Context
- How important is the E&P business in the world; how much of the world's energy comes from hydrocarbon E&P?

Exploration
- How do we gain access to new areas, and how do we know where to look?

Drilling
- How do we do it, and what's the latest technology?

Reservoir appraisal
- How do we know when we have enough information to make a big project decision; how can we be sure the prize is big enough?

Production
- How do we get it out? What do petroleum engineers actually do? What are our surface engineering options – platforms, sub-sea trees, production vessels. What's the difference, why does it matter and how do we clear up once we're finished?

Outlook
- What does the future hold? The promise of unconventional hydrocarbons and the green future.

Course Duration:

1 day

Course Tutors

Mark Bentley PhD
Mark has spent most of his career working in or leading integrated study teams, initially with Shell and subsequently with AGR and TRACS where he currently designs and runs courses and directs the TRACS Training programme. His specialist fields of expertise are 3D reservoir modelling and scenario-based approaches to handling subsurface uncertainty and risk. Mark has served as a distinguished lecturer for the SPE and the EAGE, and has delivered training courses on every continent, except Antarctica. Mark is co-author of 'Reservoir Model Design', SPE and EAGE distinguished lecturer, associate professor Heriot-Watt University, Edinburgh, UK and a Fellow of the Geological Society, London

Mark Bramwell PhD

Mark Bramwell has been in the oil and gas industry since 1985 as a Petroleum Geologist with Shell, KUFPEC and several consulting firms. He has worked on operated and non-operated oil and gas ventures in the UK, Egypt, Tunisia, Pakistan, Yemen, China, Oman and Suriname.

His career to date has given him well-site operations exposure and a broad background in all stages of the business lifecycle.

He delivers and develops technical training courses for TRACS Training, including several graduate induction programmes. Mark also has extensive experience of integrating geoscience, petrophysics and reservoir engineering data to characterise clastic and carbonate reservoirs in multi-disciplinary teams.

Courses available from this series:
E&P Business in a Day
Uncertainty and Risk in Development
How to Make a Good Reservoir Model
Common Fallacies in Casing and Tubing Design
Reservoir Engineering Fundamentals
Field Development Planning
Geomechanics Integration
New Trends in Data Analysis
The Energy Transition in a Day
Carbon Capture and Storage (CCS)

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