



Training
for growth



“By tailoring content to specific client needs, TRACS Training delivers courses and programmes that are superior to the standard offered in the marketplace. The TRACS training style, which embraces experiential learning and interactive delivery, combined with a history of teaching in 45 countries, enables us to offer distinct learning and development programmes globally.”

*Arndt Peterhänsel
Global Head of Training, TRACS International*

History

Training on six continents.

TRACS Training was established in 1992. It quickly developed a training portfolio with a global reach. Tailored courses and programmes have now been run in 45 countries and more than 30,000 people have taken part in TRACS Training courses.

The training portfolio now stands at 80 courses, with more than 180 events run annually by a team of more than 40 tutors. Cross-disciplinary programmes are often run by two tutors with complementary technical expertise. Some courses are run in a workshop style for groups of up to 100.



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Ethos

Our training courses are distinguishable from the industry standard by being tailored to the specific needs of a client audience.

Using TRACS Training library as a starting point, the content of the courses together with their timing and location is specified in discussion with the training specialists from the client company.

Courses can also be arranged for multiple clients if required.

Our ethos is therefore to dedicate our efforts to the design of a tailored product. We believe the success of a course is ultimately determined not only by good delivery but also by appropriate targeting to the audience.

We can achieve this because, unlike many other training providers, most of the course material is developed and owned by us. Moreover, many of the staff and associates that make up the tutor group are colleagues and have built up experience as a tutor group, developing a shared style and making TRACS Training courses distinctive.

To ensure our material stays up-to-date, our tutors are also practising E&P consultants in their own right, and the tutor group includes technical authors and industry-recognised Distinguished Lecturers.

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Training Series

Our material is divided into several Training Series, with each Series having a distinct character and typical course groupings. New courses, tailored to clients' requests, can be offered within any of these Series.



Early Development

The Early Development (Graduate Onboarding) Series is designed for groups of new entrants to the industry, such as graduate intake. The courses are typically multi-disciplinary in content and audience and may extend to complete course programmes. The courses typically include a team-building component.



Exploration and Production Overview

The E&P Overview Series is aimed at those audiences, often non-technical, looking for a succinct summary of the E&P business. The courses are typically short (one-to-three days) but can range in duration from just one hour to one week.



Reservoir

The Reservoir Series includes the technical subsurface courses from geophysics through to geology, petrophysics and reservoir engineering. These can be given as courses for 'other disciplines' as well as introductory-level courses within-discipline.



Wells

The Wells Series includes the wells-based technical courses from completion design through to introductory drilling and well planning. These are offered for non-wells disciplines in addition to drilling and completions staff.



Business and Risk

The Business and Risk Series embraces the non-technical business courses such as petroleum economics and risk analysis, strategy and planning. These have been run both as traditional classroom courses and as workshop-style programmes, often for large groups (50+).



Open Air

The Open Air Series takes training events to outdoor locations. It combines classroom teaching with sessions on rock outcrops which serve as reservoir analogues. The teaching is pitched at multi-disciplinary audiences as well as geoscience groups. Most courses from other Series can be offered in this format.



e-Products

We take a broad view on 'blending' and see this as going beyond traditional e-Learning packages and view blending as a multi-stranded approach to training, working from experiential learning principles, embracing Open Air™ and utilising a range of e-Products. Any of these can be combined as optional components of a TRACS Training event.



Coaching

The Coaching Series was designed to address the needs of individuals or teams for direct coaching involving material from any of the Series described above. These are truly tailored events and have been run as one-off courses or as a set of short sessions.



Master Class

The Master Class Series gathers a set of specialist courses for experienced staff. The courses are industry leading and tutored by individuals who are at the forefront of their respective disciplines. These are offered both as lecture-based or workshop-style training courses.

Blended Learning

TRACS Training has launched a unique e-learning provision for E&P clients around the world.

Blending learning has emerged across the industry as a means of combining different learning and development methods.

TRACS Training can efficiently combine e-learning with face-to-face events as a blended learning experience and also includes facilitated online learning when required.

TRACS Training launched its in-house e-learning platform in 2012 and by the end of the year the team at TRACS had tailored e-learning packages to accompany face-to-face and 'Open Air' events.

We can launch our e-learning experiences from client-dedicated space on our independent platform on the net, or build direct onto a client's intranet using their preferred template.

We are the only training provider who blends e-learning with bespoke packages for clients in-house, allowing us to significantly cut cost and turnaround time.

People

The tutor group, of more than 40 experienced staff members and close associates, works from TRACS office in Aberdeen. The profiles below introduce a selection of the group currently involved in the development and delivery of new course material and in the organisation and maintenance of the course portfolio. Key course tutors are presented in the course-specific outlines.



Mark Bentley PhD
Main Series tutoring: Reservoir, E&P Overview, Open Air and Master Class
Industry experience: over 30 years, geoscience
Career background: Shell, AGR and TRACS
Personal: Author 'Reservoir Model Design', SPE and EAGE distinguished lecturer, AGR (Training Director) & TRACS Training Director, Associate Professor Heriot-Watt University



Mark Bramwell BSc, PhD
Main Series tutoring: Reservoir, Early Development, E&P Overview, Open Air
Industry experience: over 35 years, geoscience
Career background: Shell, KUFPEC, AGR and TRACS
Personal: Programme manager for the Early Development Series



Jonathan Bellerby BSc (Hons), MEng
Main Series: Wells, Early Development
Industry experience: over 30 years, well technology
Career background: TBP, ICE, AGR, TRACS
Personal: Author, 'Well Completion Design'



Mark Cook BSc, MBA
Main Series tutoring: Early Development, Business & Risk, Reservoir Engineering
Industry experience: over 40 years, reservoir engineering, economics and risk analysis
Career background: Shell, TRACS (Director) and AGR (VP)
Personal: Author, 'Author, 'Petroleum Economics and Risk Analysis' (2021) 'Hydrocarbon Exploration and Production' (2008) SPE distinguished lecturer on Risk Analysis, Guest lecturer at Heriot-Watt University



Tim Wynn PhD
Main Series tutoring: Reservoir, Master Class (fractured reservoirs)
Industry experience: Over 25 years, geoscience
Career background: British Gas, GeoScience, ICE, AGR and TRACS
Personal: SPE technical editor, technical paper author, geoscience publications



Roger McIlroy BSc, MEng, CEng, MEI
Main Series tutoring: Wells and Reservoir
Industry experience: over 40 years, subsurface leadership, production technology and reservoir engineering, reservoir management
Career background: Maersk, BP, Shell, AGR and TRACS
Personal: Chartered Petroleum Engineer, Member of Energy Institute, Member SPE



Jerry Hadwin BSc, MEng
Main Series tutoring: Early Development, Reservoir, Open Air
Industry experience: over 35 years, reservoir engineering
Career background: Shell, TRACS and AGR
Personal: Co-author "Adventure Trekking in Oman"



Arndt Peterhänsel PhD
Main Series tutoring: E&P Overview, Reservoir, Open Air
Industry experience: over 20 years, geoscience
Career background: University of Cambridge, Universität Potsdam, Saudi Aramco, Lukoil and TRACS
Personal: Technical author, Global Head of Training (TRACS), Expert to The European Commission on Horizon Europe 2020 research programme



Liz Chellingsworth BSc, MSc
Main Series tutoring: Reservoir - Introduction to Geophysics, Interpretation Masterclass
Industry experience: over 20 years, Geoscience
Career background: Hydrosearch Fugro, Foster Findlay Associates, AGR and TRACS
Personal: Technical Author, presenter at EAGE



Howard Crumpton
Main Series tutoring: Wells
Industry experience: over 40 years, interventions and completions
Career background: Otis, Camco, Thistle Well Services, Wellserv, BP, TRACS and AGR
Personal: Author, 'Well Control for Completions and Interventions



Angus McPhail MSc (Stirling et Surrey), PGCertLT, FHEA, ASIP
Main Series tutoring: Business & Risk
Industry experience: over 20 years, business analysis & finance, economics
Career background: ING N.V, Investec Plc, Alliance Trust Plc, and Standard & Poor's
Personal: Teaching Fellow/Lecturer in Finance at University of Stirling



Jenny Garnham PhD
Main Series tutoring: Reservoir, Open Air
Industry experience: over 30 years, petrophysics
Career background: Enterprise Oil, AGR and TRACS
Personal: Technical author, SPWLA active member, PESGB/SPE



Richard Oxlade MEng
Main Series tutoring: Reservoir, Early Development, Master Class (business)
Industry experience: over 30 years commercial, reservoir engineering
Career background: BP, AGR and TRACS
Personal: Global advisor, business planning & economic analysis



Dr Edmund Stephens MA (Oxon), DPhil
Main Series tutoring: Reservoir, Open Air, Master Class (reservoir modelling, fractured reservoir)
Industry experience: over 15 years, reservoir/petroleum engineering
Career background: Shell, AGR and TRACS
Personal: PESGB, SPE, AAPG conferences on reservoir modelling

What our clients say

"I greatly appreciated your contribution to our programme for new graduates and mature hires... it was a very dynamic programme of work-place learning which we adapted as we went along. You did a great job of identifying needs, and creating and then pulling together the elements of the programme. This went well beyond my expectations."

Team leader
Shell



"Thank you for one of the most thought-provoking geomodelling courses I have attended in recent years. I have taken an enormous amount away from this session and thank you also for your time and energy."

Geoscientist
ConocoPhillips



"I would like to thank you for producing a tremendous two weeks of geoscience training for our geoscientists. It was great to hear how positive the group were on the course and for the significant impact it had on individuals, in their understanding of themselves and geoscience."

Team leader
BP



"As usual, the scores on the evaluation forms are very good. This is also my impression from speaking to some of the participants. They all say that you are 'gifted' when it comes to presenting the material in an intuitive, interesting and useful manner."

Training co-ordinator
Equinor



Reach

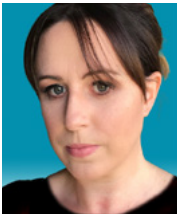
TRACS Training has a global reach. You specify the location, we deliver the course or programme.



Maggie Murison
Training Business Manager
Training programme manager
events lead



Mark Bentley PhD
Training Advisor
Subject matter expert
and lead tutor



Jenna McGetterick BA (Hons)
Training Coordinator
Training administration
and contracts



Fiona Swapp MA, DipSBA
Lead Graphic Designer
Design and development of course
materials including eProducts



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