



TRAINING 

CAPABILITY DEVELOPMENT
FOR THE ENERGY SECTOR

SELF-PACED e-LEARNING

FLEXIBLE LEARNING TO SUPPORT
INDIVIDUAL AND TEAM DEVELOPMENT NEEDS



DIVERSIFYING OUR PORTFOLIO TO SUPPORT THE DRIVE TO NET-ZERO CARBON...

Our portfolio, offered at all experience levels, covers the entire breadth and depth of the energy mix. Our faculty of independent expert instructors come from a wide variety of technical background and regional experience that allows Tetra Tech RPS Energy to bring world class expertise to address your skills and training requirements.

Choose from the wide range of courses, in various subject areas and disciplines, learn best practices, and gain hands-on experience that will improve performance.

Geology | Geophysics | Petrophysics
Multi-disciplinary | Engineering
Energy Transition

Delivered virtually, in the field, in the classroom and by self-paced e-learning



Virtual

Virtual instructor led courses timetabled to provide a globally accessible program.



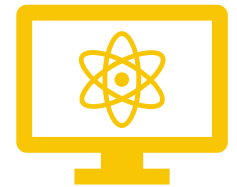
Field

Field courses in the US, UK, Ireland, Spain, Greece, France and South Africa.



Classroom

Courses including core workshops and workstation based courses.



Self-paced

Flexible, competency-based on-line courses taken at individual learners own pace.

COURSE PORTFOLIO

Offered independently or as part of a blended learning program

Subject Areas

Geology
Geophysics
Petrophysics
Multidisciplinary
Engineering
Energy Transition

Our self-paced e-learning solutions immerse learners in a rich variety of content and interactive media to provide a personalised learning experience. By providing access to the self-paced e-learning catalogue of courses, we can help organisations leverage technology to engage their learners in a dynamic and exciting digital learning environment.



COURSE PORTFOLIO

GEOLOGY

Subject Area	Course	Duration**
Basin Analysis	EC022: Basin Analysis	8 modules
	EC020: Petroleum Generation and Migration	5 modules
	EC021: Play Fairway Analysis	6 modules
	EP005: Basin, Play Analysis, Petroleum Generation and Migration* - EC022, EC020 & EC021	19 modules
Sedimentology and Stratigraphy	EC040: Clastic Reservoir Sedimentology (In development)	12 modules
	EC023: Carbonate Reservoir Sedimentology (In development)	8 modules
	EC039: Stratigraphic Methods and Sequence Stratigraphy (In development)	8 modules
Structure and Tectonics	EC038: Tectonics and Structural Geology (In development)	8 modules
	EC052: Geomechanics for Oil and Gas Projects	6 modules
	EC031: Geomechanics for CCS Projects	6 modules
	EC053: Geomechanics for Geothermal Projects	4 modules
	EC054: Geomechanics for Gas Storage Projects	4 modules
Reservoir Development	EC024: Introduction to Reservoir Modelling and Simulation (In development)	4 modules

* Denotes self-paced e-learning bundle

** Each module ~1-1.5 hours in duration

Access

Individuals - please book your course via the course page links above

Corporate - please Contact Us to discuss corporate packages, multi user licenses and custom courses



COURSE PORTFOLIO

GEOPHYSICS

Subject Area	Course	Duration**
Geophysics	EC008 Seismic Methods (Exploration Geophysics)	7 modules
	EC050: Reservoir Geophysics (In development)	8 modules
	EC046: Seismic Interpretation (In development)	8 modules
		* Denotes self-paced e-learning bundle
		** Each module ~1-1.5 hours in duration

PETROPHYSICS

Subject Area	Course	Duration**
Petrophysics	EC013: Foundation Petrophysics	5 modules
	EC014: Petrophysical Tools	10 modules
	EC042: Advanced Petrophysical Interpretation & Formation Evaluation	7 modules
	EP002 Petrophysics and Formation Evaluation* - EC013, EC014, EC042	22 Modules
		* Denotes self-paced e-learning bundle
		** Each module ~1-1.5 hours in duration

Access

Individuals - please book your course via the course page links above

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COURSE PORTFOLIO

MULTIDISCIPLINARY

Subject Area	Course	Duration**
Multidisciplinary	EC019: Resource, Risk and Economic Assessment (In development)	10 modules
	EC001: Geostatistics	10 modules
	EC036: Delivering Exploration & Appraisal Wells Safely	8 modules
		* Denotes self-paced e-learning bundle
		** Each module ~1-1.5 hours in duration

ENGINEERING

Subject Area	Course	Duration**
Petrophysics	EC025 Well Planning and Drilling Operations	6 modules
	EC026 Reservoir Engineering and Well Optimisation	3 modules
	EC027 Well Completion Technology	4 modules
	EC028 Well Production Operations	3 modules
	EP004 Essentials of Reservoir and Production Engineering* - EC025, EC026, EC027 & EC028	14 Modules
		* Denotes self-paced e-learning bundle
		** Each module ~1-1.5 hours in duration

Access

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COURSE PORTFOLIO

ENERGY TRANSITION

Subject Area	Course	Duration
Energy Transition	EC003 Fundamentals of Carbon Capture and Storage (CCS)	4 modules
	EC004 Geological Storage of CO₂	4 modules
	EC005 Behaviour of CO₂ in Reservoirs	5 modules
	EC006 Monitoring CO₂ Storage	3 modules
	EC007 Petrophysics for CCS	7 modules
	EC031 Geomechanics for CCS Projects	6 modules
	EP001 The Geoscience of CO₂ Storage* - EC003, EC004, EC005 & EC006	16 modules
		* Denotes self-paced e-learning bundle
		** Each module ~1-1.5 hours in duration

Access

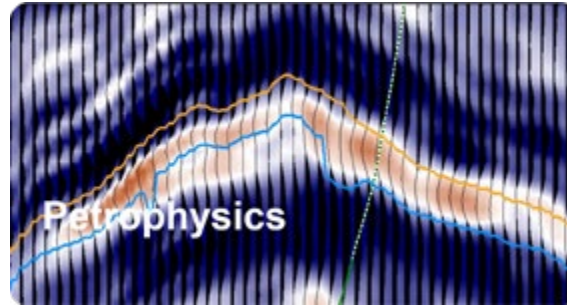
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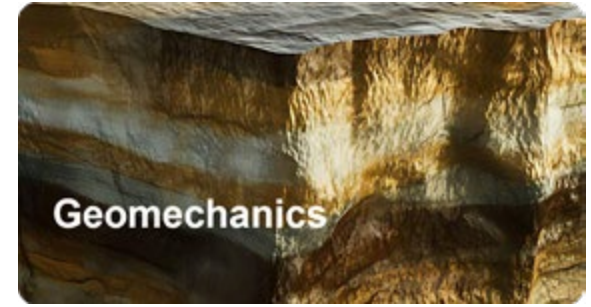
COURSE DEMOS



[Course demo](#)



[Course demo](#)



[Course demo](#)



[Course demo](#)



[Course demo](#)



Access

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COURSE ACCESS

Scheduled courses

We deliver field, classroom and online courses focusing on core skills development and current challenges facing the E&P industry. Courses are delivered by instructors recognised as world class subject matter experts in their field, including industry leaders, professors and distinguished lecturers.

Our scheduled courses can be accessed through your corporate Nautilus Training Alliance (NTA) Membership or courses can be booked on-demand as required online by credit card or invoice.

Self-paced e-learning

Offered independently or as part of a blended learning program, our bespoke e-learning solutions immerse learners in a rich variety of content and interactive media to provide a personalised learning experience. By providing access to the e-learning catalogue or producing custom content, we can help organisations leverage technology to engage their learners in a dynamic and exciting digital learning environment.

With each new course, you will find an overview of what the course covers and what's associated with the specific course elements in the introductory module page. Specific competencies are addressed through videos, presentation materials, interactive quizzes, 3D models, text and voice-overs. Each module is designed for flexible learning and allows for variable periods of interaction with content to suit individual needs.

Courses can be accessed wither via a corporate license or can be booked on-demand as required online by credit card or invoice.

Inhouse courses

The same best in class virtual, field and classroom courses focusing on core skills development and current challenges but delivered inhouse for groups typically of 10 to 20 participants. Courses delivered by instructors recognised as world class subject matter experts.

Designed to meet technical requirements – Learning events are tailored to address learning outcomes most relevant to the team in the workplace. Can include variations across all subject areas and specifics to address cross-disciplinary challenges. Established courses can be delivered off-the-shelf or customised to meet specific technical focus and level.

Flexible locations – Either in your office, or virtually to provide training for participants in multiple locations.

Flexible schedules – Delivered in continuous sessions, or distributed over a longer period of time to suit operational requirements.

Efficient - Team focused training is a cost effective means of learning and development for technical staff with shared technical challenges.

Book a course or make an inhouse course enquiry:
training.rpsgroup.com/contact-us/

BLENDED LEARNING

A learning approach of building knowledge through interactive on-line modules with skills development in instructor-led virtual, classroom or field based workshops, exercises and scenario-based activities.

1 WHY

- Self-paced learning of foundation knowledge and skills followed by instructor-led sessions which focus on practical applications provides an efficient and effective blended pathway.

2 WHAT

- Based on the requirements of the organisation and the needs of the individual.
- Designed for cohorts of staff and scheduled as required.
- Self-paced learning modules are available as required.
- Instructor-led sessions may be in-person or virtual.
- Workshops concentrate on integrating knowledge and developing applications of skills through scenario-based exercises.

3 WHO

- Our approach is suitable for cohorts of staff in a wide range of roles in different sizes of organisation.
- Applicable to organisations or discipline sectors of all sizes and is particularly suitable for a distributed workforce.

5 SUBJECT AREAS

Geosciences | Multi-disciplinary
Reservoir & Production Engineering
Drilling & Well Engineering | Energy Transition

4 HOW

MODULAR

Allows creation of unique training pathways through on-line learning whilst retaining an integrated approach to skills development through classroom and field workshops.

FLEXIBLE

Customised content is accompanied by flexibility of scheduling, fitting in with work patterns to be operationally friendly.

ADAPTABLE

Methods of delivery are adaptable, with content provided as self-paced learning modules (where available) and/or instructor-led sessions in person or virtually.

COST EFFECTIVE

More cost efficient than conventional classroom courses and more effective than on-line training in isolation.



Certificates for Professional Development

Certificates for Professional Development Hours (PDH) and/or Continuing Education Units (CEU) are issued for application toward your professional development.

We are accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. We comply with the ANSI/IACET Standard, which is recognised internationally as a standard of excellence in instructional practices.

[Visit the IACET website](#)

All Geoscience and Professional Skills Development courses on the Nautilus Training Alliance have been accredited by the Geological Society, London and approved for Continuing Professional Development for geoscientists who are working towards or have received Chartered Geologist status.

[Visit the Geological Society of London's website](#)



Our goal is to collaborate with our customers to develop the competencies and capability of their workforce through integrated learning that supports their roles and promotes individual development driving organisational excellence.

Our expertise brings flexible and scalable solutions from a diverse energy portfolio in the design, development of technical content and knowledge-based programmes delivered by expert instructors. Our technical and learning expertise help organisations develop the competencies, skills and knowledge they need to fulfil their collective potential.

CONTACT

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