



## 2026 NTA Program

# NAUTILUS TRAINING ALLIANCE

CAPABILITY DEVELOPMENT  
FOR THE ENERGY SECTOR



# CAPABILITY AND COMPETENCY DEVELOPMENT FOR THE ENERGY SECTOR

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.

**Geosciences | Multi-disciplinary**  
**Reservoir & Production Engineering**  
**Drilling & Well 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.



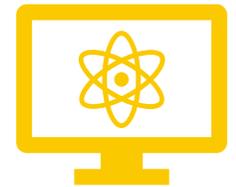
#### **Field**

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.



## Nautilus Training Alliance

*A program of competency-based scheduled training courses for energy professionals focusing on core skills development and current challenges facing the energy industry.*

**Delivering 'best in class' field, classroom and online courses** - Led by instructors recognised as world class subject matter experts in their field, including industry leaders, professors and distinguished lecturers.

**Modern user environment** - Through the Learning Hub, our custom online learning platform, we have developed a modular architecture to enable delivery that meets the expectations of modern learners.

**Content steering** - Ability to influence technical and non-technical program content.

**Commercial flexibility** - A range of benefits to enhance membership pre-commitment and deliver greater value.



# Geosciences | Engineering Multi-disciplinary | Energy Transition

Detailed and practical training offered at all experience levels,  
covering the entire breadth and depth of the energy mix

## Subject Areas

- Basin Analysis
- Structure & Tectonics
- Stratigraphy & Sedimentology
- Geophysics & Seismic Interpretation
- Petrophysics
- Reservoir Development
- Unconventional Resources
- Data Analytics, Economics & Risk Analysis
- Petroleum Engineering
- Carbon Capture & Storage



# BASIN ANALYSIS

## Instructor Led Training

Courses	Instructors	Level	Mode	Duration	Dates	Location
<a href="#">N598a26C: Geochemistry, Petroleum Systems Modelling, and Charge Evaluation</a>	Leon Dzou	Skilled	Classroom	5 Days	18 May - 22 May	Houston, USA
<a href="#">N683a26C: Prospect Evaluation, Risks and Volumes</a>	Jan de Jager	Foundation	Classroom	4 Days	12 Oct - 15 Oct	Stavanger, Norway

## Self-paced e-learning

Courses	Level	Duration
<a href="#">EC022 Basin Analysis</a>	Foundation	8 hours
<a href="#">EC020 Petroleum Generation and Migration</a>	Foundation	5 hours
<a href="#">EC021 Play Fairway Analysis</a>	Foundation	6 hours



# STRUCTURE & TECTONICS

## Instructor Led Training

Courses	Instructors	Level	Mode	Duration	Dates	Location
<a href="#">N379a26F: Application of Structural Geology and Geomechanics to Reservoir Characterization, Management and Hydraulic Stimulation (Wyoming, USA)</a>	Peter Hennings, Jon Olson	Skilled	Field	5 Days	10 Aug - 14 Aug	Wyoming, USA
<a href="#">N074a26F: Geological and Seismic Interpretation of Thrust Structures for Exploration and Reservoir Characterization (Montana, USA)</a>	Peter Hennings	Skilled	Field	5 Days	14 Sep - 18 Sep	Montana, USA
<a href="#">N266a26F: Mechanical Stratigraphy, Stress, and Geomechanics (West Texas, USA)</a>	Kevin Smart, Adam Cawood	Skilled	Field	5 Days	05 Oct - 09 Oct	West Texas, USA
<a href="#">N575a26F: From Sub-Seismic Faults to Rift Basins: Exploration, Appraisal, and Production Insights (Gulf of Corinth, Greece)</a>	Douglas Paton	Skilled	Field	5 Days	05 Oct - 09 Oct	Gulf of Corinth, Greece
<a href="#">N407a26F: Predicting Reservoir and Petroleum Systems in Rifts and Extensional Basins (New Mexico &amp; Colorado, USA)</a>	Lee Krystinik	Skilled	Field	5 Days	12 Oct - 16 Oct	New Mexico and Colorado, USA
<a href="#">N657a26C: Seismic Structural Interpretation Techniques</a>	Douglas Paton	Foundation	Classroom	5 Days	16 Nov - 20 Nov	Stavanger, Norway
<a href="#">N477a26C: A Systematic Approach to Defining and Evaluating Stratigraphic and Subtle Combination Traps</a>	Mark Thompson, Mike Mayall	Skilled	Classroom	4 Days	30 Nov - 03 Dec	London, UK

## Self-paced e-learning

Courses	Level	Duration
<a href="#">EC052 Geomechanics for Oil and Gas Projects</a>	Foundation	6 hours
<a href="#">EC053 Geomechanics for Geothermal Projects</a>	Foundation	4 hours
<a href="#">EC054 Geomechanics for Gas Storage Projects</a>	Foundation	4 hours
EC038 Tectonics and Structural Geology (Available Q2 2026)	Foundation	TBC hours

# STRATIGRAPHY & SEDIMENTOLOGY

## Instructor Led Training

Courses	Instructors	Level	Mode	Duration	Dates	Location
<a href="#">N681a26F: Characteristics of Alluvial, Coastal, and Shallow Marine Reservoir Successions for Reservoir Management, Gas Storage, and CO2 Sequestration (Utah, USA)</a>	Christopher Fielding	Skilled	Field	5 Days	01 Jun - 05 Jun	Utah, USA
<a href="#">N483a26C: Deepwater Stratigraphy and Facies Analysis from Seismic, Well Data and Outcrops</a>	Mike Mayall	Skilled	Classroom	3 Days	02 Jun - 04 Jun	Stavanger, Norway
<a href="#">N684a26F: Coastal and Shallow Marine Clastic Reservoir Facies (East Yorkshire, UK)</a>	John Howell, Adrian Hartley	Skilled	Field	3 Days	02 Jun - 04 Jun	East Yorkshire, UK
<a href="#">N073a26V: Integration of Sedimentology, Petrophysics and Seismic Interpretation for Exploration and Production of Carbonate Systems</a>	Gregor Eberli	Skilled	Virtual	8 Sessions	08 Jun - 18 Jun	Virtual Classroom
<a href="#">N009a26F: Sedimentology, Stratigraphy and Reservoir Geology of Deepwater Clastic Systems (County Clare, Ireland)</a>	Andy Pulham	Skilled	Field	5 Days	14 Jun - 18 Jun	County Clare, Ireland
<a href="#">N011a26F: High Resolution Sequence Stratigraphy: Reservoir Applications (Utah, USA)</a>	Lee Krystinik, Andy Pulham	Skilled	Field	5 Days	14 Sep - 18 Sep	Utah, USA
<a href="#">N059a26F: Carbonate Systems and Facies Architecture: Exploration and Reservoir Implications (Mallorca &amp; Menorca, Spain)</a>	Juan Ignacio Baceta, Guillem Mateu	Skilled	Field	5 Days	21 Sep - 25 Sep	Mallorca and Menorca, Spain
<a href="#">N042a26F: Reservoir Sedimentology and Stratigraphy of Coastal and Shelfal Successions: Deltas, Shorelines and Origins of Isolated Sandstones (NW Colorado, USA)</a>	Andy Pulham, Lee Krystinik	Skilled	Field	5 Days	28 Sep - 02 Oct	NW Colorado, USA

# STRATIGRAPHY & SEDIMENTOLOGY

## Instructor Led Training

Courses	Instructors	Level	Mode	Duration	Dates	Location
<a href="#">N751a26F: Deep-Water Clastic Depositional Systems in a Source-to-Sink Context (Pyrenees, Spain)</a>	Rene Jonk	Skilled	Field	5 Days	12 Oct - 16 Oct	Pyrenees, Spain
<a href="#">N442a26F: Reservoir Architecture of Deepwater Systems (California, USA)</a>	Rene Jonk	Skilled	Field	5 Days	02 Nov - 06 Nov	California, USA
<a href="#">N670a26F: Fluvial and Coastal Clastic Depositional Environments (Texas Gulf Coast, USA)</a>	Anton Wroblewski	Foundation	Field	4 Days	09 Nov - 12 Nov	Texas Gulf Coast, USA

## Self-paced e-learning

Courses	Level	Duration
<a href="#">N040 Clastic Reservoir Sedimentology</a>	Foundation	12 hours
<a href="#">EC039 Stratigraphic Methods and Sequence Stratigraphy</a>	Foundation	9 hours
EC023 Carbonate Sedimentology (Available Q2 2026)	Foundation	TBC hours

# GEOPHYSICS & SEISMIC INTERPRETATION

## Instructor Led Training

Courses	Instructors	Level	Mode	Duration	Dates	Location
<a href="#">N072a26C: Workshop in Integrated Geological and Geophysical Interpretation of Deep Marine Deposits</a>	Lesli Wood	Skilled	Classroom	3 Days	02 Jun - 04 Jun	Houston, USA
<a href="#">N659a26V: The Interpreter's Guide to Depth Imaging</a>	Scott MacKay	Skilled	Virtual	4 Sessions	21 Sep - 24 Sep	Virtual Classroom
<a href="#">N470a26V: AVO Reflectivity, Pre-stack Inversion and Quantitative Seismic Interpretation</a>	Bill Goodway	Skilled	Virtual	6 Sessions	20 Oct - 29 Oct	Virtual Classroom
<a href="#">N673a26C: Applied Seismic Interpretation</a>	Rachel Newrick	Skilled	Classroom	5 Days	12 Oct - 16 Oct	Houston, USA
<a href="#">N004a26V: The Essentials of Rock Physics and Seismic Amplitude Interpretation</a>	Eleanor Oldham	Foundation	Virtual	8 Sessions	02 Nov - 12 Nov	Virtual Classroom
<a href="#">N385a26C: Quantitative Reservoir Characterization</a>	Jaap C. Mondt	Skilled	Classroom	5 Days	30 Nov - 04 Dec	Stavanger, Norway

## Self-paced e-learning

Courses	Level	Duration
<a href="#">EC008 Seismic Methods</a> (Exploration Geophysics - Update available Q2 2026)	Foundation	5 hours
EC050 Reservoir Geophysics (Available Q2 2026)	Foundation	TBC hours
EC046 Seismic Interpretation (Available Q2 2026)	Foundation	TBC hours



# PETROPHYSICS

## Instructor Led Training

Courses	Instructors	Level	Mode	Duration	Dates	Location
<a href="#">N054a26C: Petrophysics and Low Resistivity Pay Evaluation for Conventional Reservoirs</a>	David Eickhoff	Skilled	Classroom	3 Days	12 May - 14 May	Houston, USA
<a href="#">N666a26C: Special Core Analysis</a>	Dr Adam Moss	Skilled	Classroom	4 Days	01 Jun - 04 Jun	London, UK
<a href="#">N748a26C: Geological Well Log Interpretation</a>	Angel Meso	Foundation	Classroom	5 Days	19 Oct - 23 Oct	Houston, USA
<a href="#">N528a26C: Petrophysics of Tight and Unconventional Oil Reservoirs</a>	Katerina Yared	Skilled	Classroom	3 Days	27 Oct - 29 Oct	Houston, USA
<a href="#">N003a26C: Geological Interpretation of Well Logs</a>	Dawn Houliston	Foundation	Classroom	5 Days	02 Nov - 06 Nov	Stavanger, Norway

## Self-paced e-learning

Courses	Level	Duration
<a href="#">EC013 Foundation Petrophysics</a>	Foundation	5 hours
<a href="#">EC014 Petrophysical Tools</a>	Foundation	10 hours
<a href="#">EC042 Advanced Petrophysical Interpretation &amp; Formation Evaluation</a>	Skilled	7 hours



# RESERVOIR DEVELOPMENT

## Instructor Led Training

Courses	Instructors	Level	Mode	Duration	Dates	Location
<a href="#">N675a26V: Sandstone Diagenesis and Reservoir Quality for Exploration, Appraisal, Field Development, and CCS Projects</a>	Richard Worden	Skilled	Virtual	5 Sessions	18 May - 22 May	Virtual Classroom
<a href="#">N401a26C: Multi-Disciplinary Skills for Field Development Planning and Approval</a>	Pete Smith	Skilled	Classroom	4 Days	15 Jun - 18 Jun	London, UK
<a href="#">N444a26C: Development Planning For Mature Fields</a>	Jerry Hadwin	Skilled	Classroom	3 Days	16 Jun - 18 Jun	Stavanger, Norway
<a href="#">N033a26F: Characterisation, Modelling, Simulation and Development Planning in Deepwater Clastic Reservoirs (Tabernas, Spain)</a>	Mark Bentley, Ed Stephens	Skilled	Field	5 Days	21 Sep - 25 Sep	Tabernas, Spain
<a href="#">N750a25C: Mature Field Evaluation and Redevelopment</a>	Sharma Dronamraju	Skilled	Classroom	3 Days	22 Sep - 24 Sep	Houston, USA
<a href="#">N342a26C: Compartmentalization and Connectivity in Sandstone Reservoirs</a>	John Snedden	Skilled	Classroom	5 Days	28 Sep - 02 Oct	Houston, USA
<a href="#">N576a26F: Reservoir Modelling and the Application of Outcrop Analogues (Utah, USA)</a>	John Howell	Skilled	Field	5 Days	28 Sep - 02 Oct	Utah, USA
<a href="#">N386a26F: Reservoir Model Design (Pembrokeshire, UK)</a>	Mark Bentley, Ed Stephens	Skilled	Field	5 Days	05 Oct - 09 Oct	Pembrokeshire UK
<a href="#">N427a26C: Reservoir Model Design</a>	Mark Bentley	Skilled	Classroom	4 Days	26 Oct - 29 Oct	Stavanger, Norway

## Self-paced e-learning

Courses	Level	Duration
<a href="#">EC011 Geostatistics for Reservoir Modelling</a>	Foundation	6 hours
<a href="#">EC024 Reservoir Modelling and Simulation</a>	Foundation	4 hours

# UNCONVENTIONAL RESOURCES

## Instructor Led Training

Courses	Instructors	Level	Mode	Duration	Dates	Location
<a href="#">N313a26V: Evaluating Shale and Tight Oil and Gas Reservoirs</a>	Creties Jenkins	Foundation	Virtual	8 Sessions	20 Apr - 23 Apr	Virtual Classroom
<a href="#">N364a26F: Critical Elements of Unconventional and Fractured Reservoirs: Sedimentology, Diagenesis and Mechanical Stratigraphy (California, USA)</a>	Richard Behl, Jon R. Schwalbach	Skilled	Field	5 Days	16 Jun - 20 Jun	California, USA
<a href="#">N406a26C: Unconventional Resource Assessment and Valuation</a>	Creties Jenkins, Mark McLane	Skilled	Classroom	4 Days	24 Aug - 27 Aug	Midland, USA
<a href="#">N437a26C: Geomechanics for Unconventional and Tight Reservoirs</a>	Neal Nagel	Skilled	Classroom	4 Days	16 Nov - 19 Nov	Houston, USA

# DATA ANALYTICS, ECONOMICS & RISK ANALYSIS

## Instructor Led Training

Courses	Instructors	Level	Mode	Duration	Dates	Location
<a href="#">N510a26V: Mitigating Bias, Blindness and Illusions in E&amp;P Decision Making</a>	Creties Jenkins	Foundation	Virtual	4 Sessions	18 May - 21 May	Virtual Classroom
<a href="#">N014a26V: Petroleum Economics and Risk Analysis</a>	Mark Cook	Foundation	Virtual	5 Sessions	22 Jun - 26 Jun	Virtual Classroom
<a href="#">N345a26C: Next Generation Earth Modeling; Integrating Geostatistics, Geoscience, Engineering, and Data Science</a>	Jeffrey Yarus	Skilled	Classroom	4 Days	13 Jul - 16 Jul	Houston, USA
<a href="#">N755a26V: Asset Management in the Oil and Gas Industry</a>	Joel Turnbull	Foundation	Virtual	5 Sessions	14 Sep - 18 Sep	Virtual Classroom
<a href="#">N995a26C: Modelling &amp; Managing Uncertainty in the Subsurface</a>	Pete Smith	Skilled	Classroom	4 Days	23 Nov - 26 Nov	Stavanger, Norway
<a href="#">N685a26V: E&amp;P Project Cost Estimation and Control</a>	David Newman	Foundation	Virtual	5 Sessions	07 Dec - 11 Dec	Virtual Classroom

## Self-paced e-learning

Courses	Level	Duration
<a href="#">EC055 Geostatistics for the Energy Industry</a>	Foundation	10 hours
<a href="#">EC019 Resource, Risk and Economics Assessment</a>	Foundation	11 hours

# PETROLEUM ENGINEERING

## Instructor Led Training

Courses	Instructors	Level	Mode	Duration	Dates	Location
<a href="#">N934a26V: PVT: Concepts, Methods, and Applications</a>	Bahman Tohidi	Skilled	Virtual	5 Sessions	01 Jun - 05 Jun	Virtual Classroom
<a href="#">N679a26V: GeoPressure Essentials: Managing Subsurface Pressures for Oil &amp; Gas and Carbon Storage</a>	Stephen O'Connor	Foundation	Virtual	5 Sessions	15 Jun - 19 Jun	Virtual Classroom
<a href="#">N940a26C: Modern Completion and Production Enhancement Techniques</a>	Jonathan Bellarby	Skilled	Classroom	5 Days	22 Jun - 26 Jun	Aberdeen, UK
<a href="#">N573a26V: Enhanced Oil Recovery: Techniques, Practices and Simulation</a>	Yucel Akkutlu	Skilled	Virtual	8 Sessions	03 Aug - 13 Aug	Virtual Classroom
<a href="#">N600a26C: Well Planning and Execution</a>	Christine Telford	Foundation	Classroom	5 Days	19 Oct - 23 Oct	Aberdeen, UK
<a href="#">N961a26C: Strategic Reservoir Simulation</a>	Karl Stephen	Skilled	Classroom	5 Days	09 Nov - 13 Nov	Aberdeen, UK
<a href="#">N996a26C: Gas Reservoir Engineering and Management</a>	Pete Smith	Skilled	Classroom	4 Days	16 Nov - 19 Nov	Stavanger, Norway
<a href="#">N006a26V: An Introduction to Reservoir Engineering for Geoscientists</a>	Mark Cook	Foundation	Virtual	5 Sessions	16 Nov - 20 Nov	Virtual Classroom

## Self-paced e-learning

Courses	Level	Duration
<a href="#">EC025 Well Planning and Drilling Operations</a>	Foundation	6 hours
<a href="#">EC026 Reservoir Engineering and Well Optimisation</a>	Foundation	3 hours
<a href="#">EC027 Well Completion Technology</a>	Foundation	4 hours
<a href="#">EC028 Well Production Operations</a>	Foundation	3 hours



# CARBON CAPTURE & STORAGE

## Self-paced e-learning

Courses	Level	Duration
<a href="#">EC003 Fundamentals of Carbon Capture and Storage (CCS)</a>	Foundation	4 hours
<a href="#">EC004 Geological Storage of CO<sub>2</sub></a>	Foundation	4 hours
<a href="#">EC005 Behaviour of CO<sub>2</sub> in Reservoirs</a>	Foundation	6 hours
<a href="#">EC006 Monitoring CO<sub>2</sub> Storage</a>	Foundation	4 hours
<a href="#">EC007 Petrophysics for CCS</a>	Skilled	7 hours
<a href="#">EC031 Geomechanics for CCS Projects</a>	Skilled	6 hours



# 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 either 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/](https://training.rpsgroup.com/contact-us/)



## 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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