



CAPABILITY
DEVELOPMENT FOR THE
ENERGY SECTOR

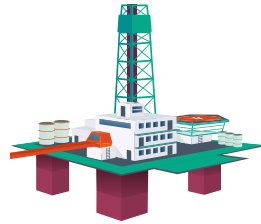
2023 NTA Program

NAUTILUS TRAINING ALLIANCE



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

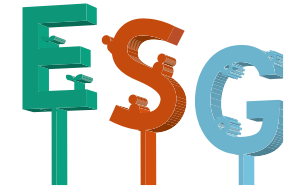
Our portfolio, offered at all experience levels, covers the entire breadth and depth of the Energy mix. Our faculty of independent expert instructors come from a wide variety of technical background and regional experience that allows RPS to bring world class expertise to address your skills and training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



Oil and Gas



Carbon Capture and Storage (CCS)



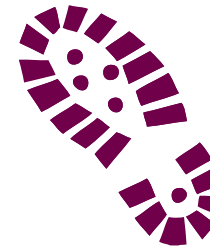
Environmental, Social and Governance (ESG)

Delivered virtually, in the field and in the classroom



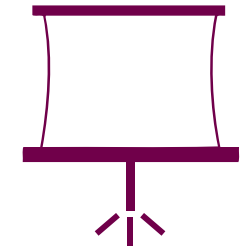
Virtual classroom

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



In the field

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



In the classroom

Courses including core workshops and workstation based courses.

FOCUSING ON CORE SKILLS DEVELOPMENT AND CURRENT CHALLENGES FACING THE ENERGY INDUSTRY

Quality - Access to 'best in class' field, virtual classroom and classroom courses in a planned and reliable schedule utilizing many of the best known industry and academic instructors.

Fully Supported - Full support for the provision of effective and reliable training (booking support, field logistics and HSSE, course facilitation).

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.

A PROGRAM OF COMPETENCY-BASED SCHEDULED TRAINING COURSES FOR ENERGY PROFESSIONALS

RPS delivers field, classroom and online courses focusing on core skills development and current challenges facing the E&P industry.

Courses are delivered by instructors recognized as world class subject matter experts in their field, including industry leaders, professors and distinguished lecturers.



COMPETENCE

ENERGY TRANSITION

Helping our oil & gas clients adjust to and thrive in a low-carbon economy



SUBJECT AREAS

Carbon Capture and Storage

ESG and Geothermal

CARBON CAPTURE AND STORAGE

*Session Duration – 3-4 hrs

Courses	Instructors	Level	Mode	Duration	Dates	Location
N535a23V: Foundational Understanding for CCS and Hydrogen Underground Storage	Srikanta Mishra	Foundation	Virtual	4 Sessions	10 Jul - 13 Jul	Virtual Classroom
N553a23V: Monitoring Geologic CO2 Storage Sites	Katherine Romanak, Susan Hovorka	Foundation	Virtual	3 Sessions	18 Oct - 20 Oct	Virtual Classroom
N590a23V: Geomechanics for CCS Projects	Kes Heffer, Nick Koutsabeloulis	Skilled	Virtual	4 Sessions	23 Oct - 26 Oct	Virtual Classroom
N549a23V: Subsurface Characterization, Screening and Site Selection for Geologic CO2 Storage Sites	Alex Bump, Susan Hovorka	Skilled	Virtual	3 Sessions	14 Nov - 16 Nov	Virtual Classroom
N565a23V: Carbon Capture and Storage for Geoscientists and Engineers	Richard Worden	Foundation	Virtual	5 Sessions	04 Dec - 08 Dec	Virtual Classroom
N548a23V: Reservoir Modelling for Storage	Tim Wynn	Foundation	Virtual	5 Sessions	11 Dec - 15 Dec	Virtual Classroom

ESG & GEOTHERMAL

*Session Duration – 3-4 hrs

Courses	Instructors	Level	Mode	Duration	Dates	Location
N558a23V: Green House Gas Emissions Quantification and Reporting for Oil and Gas Companies	Jim Brady	Foundation	Virtual	4 Sessions	18 Sep - 21 Sep	Virtual Classroom

OIL AND GAS

Detailed and practical training across the asset life cycle from exploration, appraisal, development through to production

SUBJECT AREAS

Basin Analysis

Structure and Tectonics

Stratigraphy and Sedimentology

Geophysics and Seismic Interpretation

Petrophysics

Reservoir Development

Unconventional Resources

Data Analytics, Economics and Risk Analysis

Production and Reservoir Engineering

Industry Fundamentals

BASIN ANALYSIS

*Session Duration – 3-4 hrs

Courses	Instructors	Level	Mode	Duration	Dates	Location
N343a23C: Depositional Evolution of the GOM Sedimentary Basin	John Snedden	Skilled	Classroom	3 Days	13 Jun - 15 Jun	Houston, USA
N522a23V: Integrated Charge Access Evaluation: The Key to Successful Exploration	Leon Dzou, Mark Thompson	Skilled	Virtual	5 Sessions	04 Dec - 08 Dec	Virtual Classroom

STRUCTURE & TECTONICS

Courses	Instructors	Level	Mode	Duration	Dates	Location
N379a23F: Application of Geomechanics to Reservoir Characterization, Management and Hydraulic Stimulation (Wyoming, USA)	Peter Hennings, Jon Olson	Skilled	Field	5 Days	31 Jul - 04 Aug	Wyoming, USA
N575a23F: From Sub-Seismic Faults to Rift Basins: Exploration, Appraisal, and Production Insights (Gulf of Corinth, Greece)	Douglas Paton	Skilled	Field	5 Days	02 Oct - 06 Oct	Gulf of Corinth, Greece
N266a23F: Mechanical Stratigraphy, Stress, and Geomechanics (West Texas, USA)	Kevin Smart, Adam Cawood	Skilled	Field	5 Days	02 Oct - 06 Oct	West Texas, USA

STRATIGRAPHY & SEDIMENTOLOGY

*Session Duration – 3-4 hrs

Courses	Instructors	Level	Mode	Duration	Dates	Location
N483a23V: Deepwater Stratigraphy and Facies Analysis from Seismic, Well Data and Outcrops	Mike Mayall	Skilled	Virtual	6 Sessions	06 Jun - 15 Jun	Virtual Classroom
N310a23F: Carbonate Reservoir Characterisation and Modelling (Provence, France)	Mark Bentley, Ed Stephens	Skilled	Field	5 Days	12 Jun - 16 Jun	Provence, France
N009a23F: Sedimentology, Stratigraphy and Reservoir Geology of Deepwater Clastic Systems (County Clare, Ireland)	Andy Pulham	Skilled	Field	5 Days	15 Jul - 19 Jul	County Clare, Ireland
N011a23F: High Resolution Sequence Stratigraphy: Reservoir Applications (Utah, USA)	Lee Krystinik, Andy Pulham	Skilled	Field	5 Days	21 Aug - 25 Aug	Utah, USA
N358a23F: Fine-Grained Carbonate Reservoirs (Etretat, Northern France)	Andy Gale	Skilled	Field	4 Days	18 Sep - 21 Sep	Etretats, France
N042a23F: Reservoir Sedimentology and Stratigraphy of Coastal and Shelfal Successions: Deltas, Shorelines and Origins of Isolated Sandstones (NW Colorado, USA)	Lee Krystinik, Andy Pulham	Skilled	Field	5 Days	25 Sep - 29 Sep	NW Colorado, USA
N574a23F: Submarine Fan Architecture from the Upper Slope to the Distal Basin Floor: Implications for Reservoir Distribution and Development (Southwestern Karoo Basin, South Africa)	David Hodgson, De Ville Wickens	Skilled	Field	5 Days	16 Oct - 20 Oct	Southwestern Karoo Basin, South Africa
N096a23F: Recent Depositional and Stratigraphic Analogues for Fluvial and Shallow Marine Reservoirs (South Carolina, USA)	Jerry Sexton	Foundation	Field	5 Days	25 Oct - 29 Oct	South Carolina, USA
N292a23F: Deepwater Depositional System Stratigraphy for Exploration and Development (Arkansas, USA)	Lesli Wood, Mac McGilvery	Skilled	Field	5 Days	30 Oct - 03 Nov	Arkansas, USA
N518a23V: Seismic Sequence Stratigraphy for Exploration and Production	Vitor Abreu	Skilled	Virtual	4 Sessions	06 Nov - 09 Nov	Virtual Classroom

GEOPHYSICS & SEISMIC INTERPRETATION

*Session Duration – 3-4 hrs

Courses	Instructors	Level	Mode	Duration	Dates	Location
N485a23V: Advanced Seismic Interpretation	Rachel Newrick	Skilled	Virtual	8 Sessions	25 Sep - 05 Oct	Virtual Classroom
N385a23C: Workflows for Seismic Reservoir Characterisation	Patrick Connolly	Skilled	Classroom	5 Days	23 Oct - 27 Oct	Stavanger, Norway
N004a23V: The Essentials of Rock Physics and Seismic Amplitude Interpretation	Eleanor Oldham	Foundation	Virtual	8 Sessions	06 Nov - 16 Nov	Virtual Classroom
N085a23C: The Use of Seismic Data for Subsurface Interpretation	Rachel Newrick	Foundation	Classroom	5 Days	13 Nov - 17 Nov	Houston, USA

PETROPHYSICS

Courses	Instructors	Level	Mode	Duration	Dates	Location
N083a23V: Petrophysics and Formation Evaluation: Principles and Practice	Mike Lovell	Foundation	Virtual	6 Sessions	18 Apr - 27 Apr	Virtual Classroom
N528a23C: Petrophysics of Tight and Unconventional Oil Reservoirs	Dick Merkel	Skilled	Classroom	3 Days	11 Jul - 13 Jul	Houston, USA
N054a23V: Petrophysics and Low Resistivity Pay Evaluation for Conventional Reservoirs	David Eickhoff	Skilled	Virtual	6 Sessions	12 Sep - 21 Sep	Virtual Classroom
N003a23C: Geological Interpretation of Well Logs	Jenny Garnham	Foundation	Classroom	5 Days	13 Nov - 17 Nov	Stavanger, Norway
N569a23V: Core Analysis for Reservoir Models	Dr Adam Moss	Skilled	Virtual	10 Sessions	27 Nov - 08 Dec	Virtual Classroom

RESERVOIR DEVELOPMENT

*Session Duration – 3-4 hrs

Courses	Instructors	Level	Mode	Duration	Dates	Location
N444a23C: Development Planning For Mature Fields	Jerry Hadwin	Skilled	Classroom	2 Days	09 May - 11 May	Stavanger, Norway
N058a23V: Reservoir Characterization and Geostatistical Modeling; A Data Analytical Approach to Practical Geospatial Reservoir Mapping	Jeffrey Yarus	Skilled	Virtual	8 Sessions	05 Jun - 15 Jun	Virtual Classroom
N412a23V: A Critical Guide to Reservoir Appraisal and Development	Stephanie Kape, Pete Smith	Skilled	Virtual	10 Sessions	18 Sep - 29 Sep	Virtual Classroom
N033a23F: Characterisation, Modelling, Simulation and Development Planning in Deepwater Clastic Reservoirs (Tabernas, Spain)	Mark Bentley, Ed Stephens	Skilled	Field	5 Days	09 Oct - 13 Oct	Tabernas, Spain
N305a23C: Core Facies Analysis for Resource Plays	Gus Gustason	Foundation	Classroom	5 Days	04 Dec - 08 Dec	USGS Core Research Center - Lakewood, CO

UNCONVENTIONAL RESOURCES

*Session Duration – 3-4 hrs

Courses	Instructors	Level	Mode	Duration	Dates	Location
N406a23V: Unconventional Resource Assessment and Valuation	Creties Jenkins, Mark McLane	Skilled	Virtual	8 Sessions	22 May - 25 May	Virtual Classroom
N364a23F: Fracture Architecture, Sedimentology and Diagenesis of Organic-rich Mudstones of Ancient Upwelling Zones with Application to Naturally Fractured Reservoirs (California, USA)	Richard Behl, Jon R. Schwalbach	Skilled	Field	5 Days	21 Jul - 25 Jul	California, USA
N437a23V: Geomechanics for Unconventional and Tight Reservoirs	Neal Nagel, Marisela Sanchez-Nagel	Skilled	Virtual	8 Sessions	06 Nov - 16 Nov	Virtual Classroom

DATA ANALYTICS, ECONOMICS & RISK ANALYSIS

Courses	Instructors	Level	Mode	Duration	Dates	Location
N597a23V: The Open Subsurface Data Universe [OSDU™]: An Introduction to the Future of Data Management	Jürgen Grötsch	Awareness	Virtual	2 Sessions	05 Apr - 06 Apr	Virtual Classroom
N510a23V: Mitigating Bias, Blindness and Illusions in E&P Decision Making	Creties Jenkins	Foundation	Virtual	4 Sessions	09 May - 12 May	Virtual Classroom
N479a23V: Applied Statistical Modeling and Big Data Analytics	Srikanta Mishra	Skilled	Virtual	5 Sessions	26 Jun - 30 Jun	Virtual Classroom
N557a23V: Geostatistics and Data Science; a Practical Introduction to Quantitative Spatial Modeling	Prof. Jeffrey Yarus	Foundation	Virtual	4 Sessions	23 Oct - 26 Oct	Virtual Classroom
N541a23C: Petroleum Economics, Risk and Uncertainty	Pete Smith	Foundation	Classroom	3 Days	07 Nov - 09 Nov	Stavanger, Norway
N014a23V: Petroleum Economics and Risk Analysis	Mark Cook	Foundation	Virtual	5 Sessions	13 Nov - 17 Nov	Virtual Classroom

PRODUCTION & RESERVOIR ENGINEERING

*Session Duration – 3-4 hrs

Courses	Instructors	Level	Mode	Duration	Dates	Location
N006a23C: An Introduction to Reservoir Engineering for Geoscientists	Mark Cook	Foundation	Classroom	4 Days	24 Apr - 27 Apr	Stavanger, Norway
N940a23C: Modern Completion and Production Enhancement Techniques	Jonathan Bellarby	Skilled	Classroom	5 Days	16 Oct - 20 Oct	Stavanger, Norway
N006a23V: An Introduction to Reservoir Engineering for Geoscientists	Mark Cook	Foundation	Virtual	5 Sessions	16 Oct - 20 Oct	Virtual Classroom
N573a23V: Enhanced Oil Recovery: Techniques, Practices and Simulation	Yucel Akkutlu	Skilled	Virtual	8 Sessions	23 Oct - 02 Nov	Virtual Classroom
N484a23C: Reservoir Management for Unconventional Oil and Gas Resources	Yucel Akkutlu	Skilled	Classroom	4 Days	06 Nov - 09 Nov	Houston, USA
N934a23C: PVT - Concepts, Methods, and Applications	Bahman Tohidi	Skilled	Classroom	3 Days	28 Nov - 30 Nov	Stavanger, Norway

INDUSTRY FUNDAMENTALS

Courses	Instructors	Level	Mode	Duration	Dates	Location
N373a23V: Petroleum Geology for Non-Geologists	Jon Noad	Awareness	Virtual	4 Sessions	30 Oct - 02 Nov	Virtual Classroom

CERTIFICATES FOR PROFESSIONAL DEVELOPMENT

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

RPS is 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](#)



RPS | TRAINING

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 organizational 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.

The stand-out for our clients is that we use our deep expertise to solve problems that matter, making them easy to understand and we're easy to work with – Making complex easy.

www.training.rpsgroup.com

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