NExT Oil & Gas Training and Competency Development

Global network of training centers and technical facilities

Build multidisciplinary technical expertise faster.

NExT, a Schlumberger company, provides technical and software training and professional development services for the E&P industry. Our curriculum encompasses introductory to advanced training in industry-spanning disciplines, including geology, geophysics, petrophysics, drilling, reservoir engineering, production, facilities, management, and economics. We also offer training in industry-standard Schlumberger software, including:

- Petrel® E&P software platform
- TechLog® wellbore software platform
- PetroMod® petroleum systems modeling software
- ECLIPSE® industry-reference reservoir simulator
- OFM® well and reservoir analysis software.

With a portfolio of more than 420 expert-led practical courses, training programs, and competency services, NExT has helped more than 13,000 E&P professionals in more than 50 countries develop the petrotechnical expertise needed to meet today’s increasingly complex industry challenges.

By combining expert-led courses, video projects customized for your asset challenges, field and lab courses that provide hands-on learning experiences, industry-leading software tools, and one-on-one mentoring, NExT training helps teams and individuals align their abilities to strategic objectives.

For a comprehensive portfolio of courses covering a broad spectrum of disciplines, visit www.NExTtraining.com.

THE NExT EDGE

- Full suite of training courses in upstream disciplines as well as surface facility and midstream instruction
- Training in leading software tools and culture certificates
- Partnership with advanced industry and academic institutions to continuously deliver up-to-date education
- A teaching faculty of more than 3,500 instructors who teach in universities in their fields, with a wide variety of technical and regional experience
- Access to a global network of Schlumberger training centers, where Schlumberger trains its customers as well as its own staff

Regional Offices

- North America: NExT-NAM@slb.com +1 713 513 2384
- Latin America: NExT-LAM@slb.com +52 55 5263 3016
- Russia: NExT-RUS@slb.com +7 495 935 8200
- Middle East & India: NExT-MEI@slb.com +971 4 306 7777
- Asia & Oceania: NExT-ASO@slb.com +60 3 2166 7788
- Europe & Africa: NExT-EAF@slb.com +33 5 5992 5552
- North America: NExT-NAM@slb.com +1 713 513 2384
- Latin America: NExT-LAM@slb.com +52 55 5263 3016
- Russia: NExT-RUS@slb.com +7 495 935 8200
- Middle East & India: NExT-MEI@slb.com +971 4 306 7777
- Asia & Oceania: NExT-ASO@slb.com +60 3 2166 7788
- Europe & Africa: NExT-EAF@slb.com +33 5 5992 5552

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OilSim

Upstream learning simulator for interactive training

For a comprehensive portfolio of courses covering a broad spectrum of disciplines, visit www.NExTtraining.com.
Explore decision making through the entire upstream value chain.

OilSim simulator modules address the following business and technical challenges:

**Challenge 1** Initial Screening
- **Overview:** Initial screening risk assessment.
- **Objective:** Evaluate potential hydrocarbon resources.
- **Key Learning Elements:** Conducting complex models and decision making in a simulated business environment.
- **Target Audience:** Professionals seeking a broader knowledge of the upstream sector.
- **Course Format:** 5-day awareness-level course.

**Challenge 2** Prospecting
- **Overview:** Technical and financial risk assessment.
- **Objective:** Testing several exploration scenarios.
- **Key Learning Elements:** Identifying areas with potential oil and gas resources.
- **Target Audience:** Petroleum explorationists.
- **Course Format:** 5-day foundation-level course.

**Challenge 3** Exploration Drilling
- **Overview:** Drilling activities and decision making.
- **Objective:** Evaluating different mechanical and geologic risks.
- **Key Learning Elements:** Managing drilling operations and risk analysis.
- **Target Audience:** Drilling engineers.
- **Course Format:** 5-day foundation-level course.

**Challenge 4** Depletion Plan
- **Overview:** Production planning and decision making.
- **Objective:** Optimizing production for maximum recovery.
- **Key Learning Elements:** Developing production strategies and performance metrics.
- **Target Audience:** Production engineers.
- **Course Format:** 5-day awareness-level course.

**Challenge 5** Facilities Plan
- **Overview:** Facilities planning and design.
- **Objective:** Ensuring operational efficiency and cost-effectiveness.
- **Key Learning Elements:** Developing project plans and managing changes.
- **Target Audience:** Facilities engineers.
- **Course Format:** 5-day awareness-level course.

**Challenge 6** Construction Project
- **Overview:** Project management and execution.
- **Objective:** Managing the construction phase of a project.
- **Key Learning Elements:** Implementing project management practices.
- **Target Audience:** Construction managers.
- **Course Format:** 5-day awareness-level course.

**Challenge 7** Production
- **Overview:** Production management and decision making.
- **Objective:** Ensuring maximum oil and gas recovery.
- **Key Learning Elements:** Optimizing production processes.
- **Target Audience:** Production managers.
- **Course Format:** 5-day awareness-level course.

Latest Courses
Interactive training courses enabled by OilSim upstream learning simulator

**Introduction to Petroleum Exploration and Production with OilSim**
This course provides an overview of the technologies, workflows, and processes that enable the oil and gas industry to explore, appraise, develop, and produce hydrocarbons. Participants will learn the roles and strategies associated with the industry as well as the real-world impact of decisions.

**Key learning elements of this course include:**
- **Geological and Geophysical Methods:** Understanding the geology of oil and gas reservoirs.
- **Reservoir Engineering:** Evaluating the potential of reservoirs.
- **Production Engineering:** Managing production processes.
- **Project Management:** Implementing project management practices.

**Target Audience:**
- **Professionals** seeking a broader knowledge of the upstream sector.
- **Course Format:** 5-day awareness-level course.

**Introduction to Management of E&P Business with OilSim**
This course is designed for all current or future project managers. It covers several key topics related to project management.

**Key learning elements of this course include:**
- **Overall Course Objectives:** Understanding the objectives of the course.
- **Project Management Framework:** Developing a project management framework.
- **Risk Management:** Identifying and managing risks.
- **Cost Management:** Controlling project costs.

**Target Audience:**
- **Professionals** seeking to improve their project management skills.
- **Course Format:** 5-day foundation-level course.

**Introduction to Petroleum Production with OilSim**
This course covers the basics of petroleum production and decision making in a simulated business environment.

**Key learning elements of this course include:**
- **Geological and Geophysical Methods:** Understanding the geology of oil and gas reservoirs.
- **Reservoir Engineering:** Evaluating the potential of reservoirs.
- **Production Engineering:** Managing production processes.

**Target Audience:**
- **Professionals** seeking a broader knowledge of the upstream sector.
- **Course Format:** 5-day awareness-level course.

**Introduction to Petroleum Production with OilSim**
This course provides an overview of the technologies, workflows, and processes that enable the oil and gas industry to explore, appraise, develop, and produce hydrocarbons. Participants will learn the roles and strategies associated with the industry as well as the real-world impact of decisions.

**Key learning elements of this course include:**
- **Geological and Geophysical Methods:** Understanding the geology of oil and gas reservoirs.
- **Reservoir Engineering:** Evaluating the potential of reservoirs.
- **Production Engineering:** Managing production processes.

**Target Audience:**
- **Professionals** seeking a broader knowledge of the upstream sector.
- **Course Format:** 5-day awareness-level course.
Explore decision making through the entire upstream value chain.

OilSim simulator modules address the following business and technical challenges:
- Market-leading upstream learning simulator created by industry experts
- Stimulates peer-to-peer learning
- Contextualizes instruction with oil and gas business scenarios and experiences
- Engages participants in interactive learning activities
- Improves team building and networking
- Evaluates different strategic options
- Supports participants making informed decisions.

Key learning elements of this course include:
- Project-based personal case studies in business processes
- Real-life scenarios from the oil and gas industry
- Applying frameworks and methodologies for success in the oil and gas business
- Understanding social, environmental, and financial aspects of the industry.

Introduction to Petroleum Exploration and Production with OilSim
This 5-day foundation-level course provides participants with insight into the entire oil company decision-making process—from new-country entry strategy through field abandonment. It covers technical and business challenges and their interaction with local and global market trends.

Course topics include:
- Corporate strategy
- Preliminary economics
- Portfolio management
- Fiscal regimes
- Exploration strategy
- Well analysis
- Reservoir characterization
- Field development planning
- Project management
- Framework and well positioning in recovery (ESP and EOR)
- Acquisition and divestitures.

Project Management Fundamentals
This 3-day foundation-level course provides attendees with the fundamental knowledge and skills required to successfully manage all types of projects. This course contains standard project management content aligned with other course studies and practical exercises, including case studies and presentations of OilSim simulators. The course follows the guidelines established by the Project Management Institute (PMI®) and is based on the Project Management Body of Knowledge (PMBOK®).

This course provides the ability to:
- Apply project management best practices in initiating, planning, executing, and controlling projects
- Develop a project charter
- Perform a risk analysis
- Construct a communication plan as well as a project plan and schedule
- Develop an effective project plan and schedule
- Use effective techniques for controlling and monitoring project change.

Oil and Gas Business Simulation Game with OilSim
This 2-day awareness-level course helps participants better understand the functions, roles, and responsibilities of an oil and gas company at every stage of the industry's life cycle using OilSim simulator. The course provides an overview of the value chain and the role of decision making in a simulated business environment.

Latest Courses
Interactive training courses enabled by OilSim upstream learning simulator.
Explore decision making through the entire upstream value chain.

OilSim

Interactive training courses enabled by OilSim upstream learning simulator

THE OILSIM SIMULATOR ADVANTAGE

- Engage participants in interactive and fun learning
- Stimulate peer-to-peer learning
- Contextualize instruction with oil and gas companies’ business objectives
- Develop experience with different courses

THE OILSIM SIMULATOR

- Real-time, up-to-date learning experience with industry leading experts in exploration, development, and production
- Continuously updated, real-world software developers, and learning instructors
- Available in multiple languages including English, Spanish, Chinese, Arabic, French, Russian, and Japanese

Oil and Gas Business Simulation Game with OilSim

Challenge 1  Initial Screening
Challenge 2  Prospecting
Challenge 3  Exploration Drilling
Challenge 4  Depletion Plan
Challenge 5  Facilities Plan
Challenge 6  Construction Project
Challenge 7  Production

Introduction to Petroleum Exploration and Production with OilSim

This 3-day foundational level course provides participants with insight into the entire oil company decision-making process—from acreage evaluation through strategic planning to project abandonment. It covers technical and business challenges as well as interaction with fiscal and governmental bodies. Course content also includes typical business and economic frameworks of oil companies.

Course topics include:
- corporate strategy
- petroleum economics
- portfolio management
- fiscal regimes
- exploration strategy
- risk analysis
- appraisal strategy
- reserves classifications
- field development planning
- project management
- framework and well based on recovery (ESR and EOR)
- acquisition and divestitures.

Participants gain an understanding of end-to-end cycle asset management, which includes using oil and gas challenges, practical OilSim simulator, and reviewed through relevant industry case studies and success stories.

Introduction to Management of E&P Business with OilSim

This 5-day foundational level course provides attendees with an understanding of business processes and skills required to successfully manage all types of projects. This course combines standard project management concepts with modern project management tools and techniques.

The course follows the guidelines established by the Project Management Institute (PMI) for the Project Management Body of Knowledge (PMBOK). The course provides the ability to:
- apply project management best practices in initiating, planning, executing, and controlling projects
- developing a project charter
- performing a risk analysis and completing a risk register
- using effective techniques for controlling and monitoring project change

Project Management Fundamentals

This 3-day foundation level course provides attendees with an understanding of business processes and skills required to successfully manage all types of projects. This course combines standard project management concepts with modern project management tools and techniques.

The course follows the guidelines established by the Project Management Institute (PMI) for the Project Management Body of Knowledge (PMBOK). The course provides the ability to:
- apply project management best practices in initiating, planning, executing, and controlling projects
- developing a project charter
- performing a risk analysis and completing a risk register
- using effective techniques for controlling and monitoring project change

The course is designed for all current or future project managers or those looking to be certified project managers. This course satisfies the PMI PMP® 35-hour training certification requirement and is delivered by a PMI registered education provider.
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and Competency Development

Build multidisciplinary technical expertise faster.

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- **Petrel** E&P software platform
- **Technolog** wellbore software platform
- **PetroMod** petroleum systems modeling software
- **ECLIPSE** industry-reference reservoir simulator
- **OFM** well and reservoir analysis software.

The NExT Edge

- Full contact training in upstream disciplines as well as surface facility and subsea elements.
- Training on industry-leading software tools and software certification.
- Partnerships with advanced industry and academic institutions to deliver up-to-date and evergreen instruction.
- A teaching faculty of more than 3,000 independent instructors, all experts in their field, with diverse training in technical and regional areas.
- Access to a global network of Schlumberger training centers, where Schlumberger trains its customers as well as its own staff.

Winner of 2013, 2014, 2015 Getenergy Training Provider of the Year Award and 2016 Getenergy Localization Award, reinforcing NExT as the industry’s trusted partner for training and competency development.
Attract, identify, develop, and retain the right people
Talent Management and Retention
in the Oil and Gas Industry

NExT, a Schlumberger company, provides technical and software training and professional development services for the E&P industry. Our curriculum includes:

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NExT, a Schlumberger company, provides technical and software training and professional development services for the E&P industry. Our curriculum includes:

- Schlumberger software, including:
  - **Petrel** E&P software platform
  - **Techlog** wellbore software platform
  - **PetroMod** petroleum systems modeling software
  - **ECLIPSE** industry-reference reservoir simulator
  - **OFM** well and reservoir analysis software

**ABOUT NExT**

NExT, a Schlumberger company, provides training, competency and professional development services for the oil and gas industry. With a portfolio of over 700 courses, training programs, and competency services covering technical and software skills, NExT assists in developing the petrotechnical expertise needed to meet today’s increasingly complex industry challenges. NExT was awarded the Getenergy’s ‘Localization Award’ in 2016, after three consecutive year wins of ‘Education and Training Provider of the Year’.

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