NExT Oil & Gas Training and Competency Development

Global network of training centers and technical facilities

THE NExT EDGE

- Tailored training courses in common upstream disciplines (like oil and gas production) build industry knowledge
- Teaching and evaluating technical skills and cultural capabilities
- Partnership with advanced industry and academic institutions to continually deliver up-to-date instruction
- A teaching faculty of more than 1,500 independent instructors with broad background in technical and regional experience
- Access to a global network of Schlumberger training centers where Schlumberger trains its customers as well as its own staff

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
- **OFlM** well and reservoir analysis software

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

Regional Offices

<table>
<thead>
<tr>
<th>Region</th>
<th>Contact Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>North America</td>
<td>+1 713 513 2384</td>
</tr>
<tr>
<td>Latin America</td>
<td>+52 55 5263 3016</td>
</tr>
<tr>
<td>Russia</td>
<td>+7 495 935 8200</td>
</tr>
<tr>
<td>Middle East &amp; India</td>
<td>+971 4 306 7777</td>
</tr>
<tr>
<td>Asia &amp; Oceania</td>
<td>+60 3 2166 7788</td>
</tr>
<tr>
<td>Europe &amp; Africa</td>
<td>+33 5 5992 5552</td>
</tr>
</tbody>
</table>

THE NExT EDGE

- Full suite of training courses in upstream disciplines
- Common platform for training and professional development
- Training in industry standard software tools and culture development
- Partnership with advanced industry and academic institutions
- Teaching faculty of more than 1,500 independent instructors
- Access to a global network of Schlumberger training centers

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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, in-class projects, and access to expert instructors, NExT provides 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.
OilSim simulator modules address the following business and technical challenges:

Challenge 1 Initial Screening
- petroleum exploration & production business
- identification and evaluation of hydrocarbon opportunities
- evaluation of risks and returns
- financial and economic analysis of exploration strategies

Challenge 2 Prospecting
- exploration geology
- geological characterization of potential drilling locations
- selection of drilling targets

Challenge 3 Exploration Drilling
- well planning and design
- drilling and completion operations
- data collection and analysis

Challenge 4 Depletion Plan
- reservoir characterization
- reservoir performance analysis
- production optimization

Challenge 5 Facilities Plan
- facility design and engineering
- cost estimation and budgeting
- construction and commissioning

Challenge 6 Construction Project
- project management
- contractual arrangements
- quality control

Challenge 7 Production
- production optimization
- facility management
- environmental & social responsibilities

Key learning elements of this course include:
- petroleum exploration & production business
- identification and evaluation of hydrocarbon opportunities
- evaluation of risks and returns
- financial and economic analysis of exploration strategies

Simulation-based learning techniques, tools, and strategies can be applied in designing structured learning experiences as well as targeting company competency.

The OilSim® upstream learning simulator takes users through the entire exploration and production business process—enabling a look at development, production, and abandonment.

Available in multiple languages, including English, French, Spanish, Chinese, Russian, Arabic, Portuguese, Danish, and Norwegian.

Contextualizes instruction with oil and gas business scenarios and case studies.

Stimulates peer-to-peer learning.

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Stimulates peer-to-peer learning.
Explore decision making through the entire upstream value chain.

**Latest Courses**

Interactive training courses enabled by OilSim upstream learning simulator

**Oil and Gas Business Game Simulation with OilSim**

In this 2-day, assessment-level course, participants experience firsthand that the challenges, opportunities, and dimensions of real-world exploration and production are real. Participants work in teams to explore, develop, and produce oil and gas in a fictitious petroleum province. The module covers economics, finance, and risk analysis. It is designed to prepare professionals seeking a broader knowledge of the upstream industry, specifically:

-pt role economics
-portfolio management
-fiscal regimes
-exploration strategy
-audit analysis
-project change.

**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 area-country evaluation through discovery, development, and abandonment. It covers technical and business challenges and will provide leadership with the tools and strategies essential to managing the complexities of the upstream business.

**Introduction to Management of E&P Business with OilSim**

This 5-day, foundation-level course provides attendees with an understanding of end-to-end cycle asset management, which links the terrestrial oil and gas businesses, practical OilSim and EPM simulator, and experienced through relevant industry case studies and success stories.

**Project Management Fundamentals**

This 5-day foundation-level course provides attendees with an understanding of the technical knowledge and skills required to successfully manage all types of projects. This course contains standard project management certification with attendance case studies and practical exercises, including insights into real-world projects in OilSim modules. The course follows the guidelines established by the Project Management Institute (PMI) and the Project Management Body of Knowledge (PMBOK®).

The course provides the ability to:

- apply project management best practices in initiating, planning, executing, and closing projects
- developing a risk analysis and completing a risk register
- using effective techniques for controlling and monitoring project change
- developing a project charter
- understanding industry case studies and success stories
- successfully managing all types of projects.
Explore decision making through the entire upstream value chain.

OilSim

Simulations foster decision making skills.

Simulation-based training techniques, tools, and strategies can be applied in designing structured learning experiences as well as targeting company competency.

The OilSim upstream learning simulator takes users through the entire exploration and production business process—from acquiring a block to its development, production, and abandonment. Attendees split into teams to form virtual oil and gas companies. The teams collaborate to explore, develop, and produce oil and gas in a fictitious petroleum province. All while maintaining environmental, social, ethical, and economical responsibility. Each team’s success is measured on their organizational values and their credibility points, which are scored through making appropriate, informed decisions.

Targeted for both non-technical and technical SPE personnel seeking a broader knowledge of the upstream industry, this course focuses on:

- Team building and networking
- Getting a broader understanding of all elements of the value chain
- Learning about functional roles and how they work together to create value
- Strategic thinking and use of practical tools, including economics, financial metrics, and risk
- Evaluating different strategic options
- Developing business knowledge that can be applied back at the workplace

latest courses

Interactive training courses enabled by OilSim upstream learning simulator

Oil and Gas Business Simulation Game with OilSim

In the 2-day awareness level course, participants experience firsthand the challenges, opportunities, and dimensions of the real world exploration and production value chain. Attendees split into teams to create virtual oil and gas companies. Teams collaborate to explore, develop, and produce oil and gas in a fictitious petroleum province. All while maintaining environmental, social, ethical, and economical responsibility. Each team’s success is measured on their organizational values and their credibility points, which are scored through making appropriate, informed decisions.

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Introduction to Petroleum Exploration and Production with OilSim

The 5-day awareness level course helps participants better understand the function, role, and responsibilities of various companies at every stage of the industry life cycle. Using OilSim simulator, the 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 risks and rewards associated with the industry as well as the real-world impact of decisions.

Key learning elements of this course include:

- People—involved personnel and their functions in business processes
- Life cycle—various phases of the oil and gas industry
- Technologies—exposure to enabling technologies
- Social, environmental, and financial aspects of the industry

Course topics include:

- Corporate strategy
- Portfolio management
- Fiscal regimes
- Exploration and evaluation
- Risk analysis
- Project management
- [Other topics]

Project Management Fundamentals

This 5-day foundation level course provides attendees with the foundational knowledge and skills required to successfully manage a variety of projects. This course contains standard project management concepts and techniques with relevant case studies and practical exercises, including interactive and real-time projects using OilSim simulator. The course follows the guidelines established by the Project Management Institute (PMI®) and its 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
- Applying a risk analysis
- Constructing a communications plan as well as a project plan and schedule
- Developing risk and contingency plans
- Selecting appropriate techniques for managing and monitoring project change

Course topics include:

- Identifying project stakeholders
- Developing a project charter
- Project planning and scheduling
- Risk management and communication
- Applying appropriate techniques for controlling project change

Course content also includes typical business and economic frameworks of oil companies. Course topics include:

- Corporate strategy
- Portfolio management
- Fiscal regimes
- Exploration and evaluation
- Risk analysis
- Project management
- [Other topics]
NExT Oil & Gas Training and Competency Development

Global network of training centers and technical facilities

THE NExT EDGE

■ Full suite of training courses in upstream disciplines as well as surface facility and midstream instruction
■ Training in industry-leading software tools and courseware
■ Partnerships with advanced industry and academic institutions to continuously deliver up-to-date instruction
■ A teaching faculty of more than 1,500 independent instructors, all experts in their fields, with a wide variety of technical and regional experience
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With a portfolio of more than 400 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 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.
OilSim
Upstream learning simulator
for interactive training

Attract, identify, develop, and retain the right people
Talent Management and Retention
in the Oil and Gas Industry

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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

Schlumberger

Employees

NExT-EAF@slb.com NExT-NAM@slb.com NExT-LAM@slb.com NExT-RUS@slb.com NExT-MEI@slb.com NExT-ASO@slb.com NExT-SLB@slb.com

+33 5 5992 5552 +1 713 513 2384 +52 55 5263 3016 +7 495 935 8200 +971 4 306 7777 +60 3 2166 7788 +44 7920 823 483

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Asia & Oceania
NExT-ASO@slb.com +60 3 2166 7788

Europe & Africa
NExT-EAF@slb.com +33 5 5992 5552

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