



UL EduNeering's Solutions for Oil & Gas Companies



There are a number of pressures facing Oil & Gas companies today that have the potential to derail business performance and compromise safety. UL EduNeering's solutions have been designed to actively address these issues.

Valuable Knowledge is Being Lost

Companies are struggling to hire and retain competent employees. As “Boomers” retire with their wealth of wisdom, the industry must depend more and more on the less experienced employees, who often are expected to “step up” rapidly to perform safely with zero tolerance for error. The staffing demands due to the industry’s rapid growth, and the physical demands of an aging field population, only exacerbate the problem. The potential strategic impact of lost knowledge includes reduced efficiency, increased cost, less capacity for growth or innovation and increased risk of errors or accidents.

The Demand for Knowledge is Growing

Simply put, employees can’t do what they don’t know – in order for them to do more, they must know more. As the competitive demand for improved performance and production soars, the scope of industry knowledge affects the entire supply chain. Companies now must rapidly deliver a consistent learning experience and knowledge exchange program, not only for employees, but also for contractors and suppliers throughout the US and globally.

Issues are Getting More Complex

Factors such as technological advances, increased regulation and the need to build a strong safety culture are creating a demand for subject-matter expertise and the development of new methods for capturing, distributing and tracking this knowledge efficiently and effectively.



Because of these and other pressures, learning strategies have evolved well beyond basic training programs. A more comprehensive solution is needed, one that includes all facets of knowledge transfer, such as capturing undocumented knowledge, tracking the distribution of critical documents and effectively measuring comprehension. That's why leading energy companies are partnering with UL EduNeering to develop a single, enterprise-wide knowledge solution.

Learning that Can Be Measured

An improperly implemented training program can place the company, facility, employees and surrounding community at risk. Oil & Gas companies can no longer rely on conformance and compliance-mandated training that doesn't measure employee or contractor retention. Rather, today's leading Energy companies incorporate effective learning technologies that accelerate getting to the necessary competence for employees to perform their jobs, and are kept up-to-date on the latest technologies and regulatory activities that affects their employees' job proficiency. Effective learning programs have evolved well beyond static training content. Today's learning solutions track and record all facets of knowledge transfer in a blended way, such as face-to-face meetings, procedure review and retention, exams, and continuous online training. That's why many EH&S, technical skills and leadership development programs include the solutions from UL EduNeering, resulting in a single, enterprise-wide knowledge solution.

Benefits of UL EduNeering's Solutions

UL EduNeering provides a unique mix of technology, subject-matter expertise and professional services to assist Oil & Gas companies meet their unique regulatory compliance needs and achieve their business performance goals.

With the help of UL EduNeering, our clients are:

- Achieving compliance with changing regulatory requirements and conformance with critical procedures;
- Fostering a workplace where safety culture is personally owned;
- Training newly hired employees to achieve required competency as quickly as possible;
- Delivering training to third party contractors, ensuring they receive specific training necessary to be on your site;
- Identifying and filling knowledge gaps that impact performance and competitiveness;
- Minimizing risk by linking compliance, operations and employee performance;
- Capturing and sharing lost knowledge;
- Improving contractor performance;
- Increasing operational efficiency.

Training is only one of four pathways to grow a company's knowledge reservoir. Data and information, learned skills and undocumented (implicit) knowledge that an organization possesses create the powerhouse that fuels a company's workforce with the tools it needs to improve performance and increase competitiveness.

Cost-effective and Efficient Learning

- UL EduNeering's ComplianceWire® is a versatile, technology-enabled solution that streamlines and enhances the way an organization delivers and records compliance and conformance training initiatives;
- ComplianceWire enables employees to access this information anytime, anywhere, which increases productivity, improves performance and provides management full visibility in their training and qualification program;
- UL provides robust capabilities for risk management, employee development and operational improvements;
- The web-based platform supports standardized and customized training, risk identification and mitigation, information distribution and qualification, critical document management, skill-based assessments and audit-ready recordkeeping.

Performance Improvement

Managers rely on UL EduNeering to accurately identify knowledge gaps, thus eliminating knowledge inadequacies that can cause operational errors and compromise safety.

UL EduNeering has a wealth of expertise through our standard library of 500 courses, including curricula on these topics:

- Oil & Gas Operations
- Environmental, Health & Safety (OSHA, DOT, EPA)
- Risk Management

... as well as a comprehensive library of:

- Leadership Development
- HR Compliance
- Risk Management
- Ethics and Corporate Responsibility

Courses that Drive Behavioral Change

UL's knowledge assets combine powerful content from industry subject-matter experts, who stay close to regulations and trends to ensure continuous material updates, and our own Learning Services team, who prepares dynamic interactions to ensure that content is presented in the most effective manner.

- Learning objectives are carefully specified, presented and reinforced with graphics and interactive elements.
- Instructional user-interface design reduces the time learners must spend absorbing critical information, yet maximizes the amount of information retained.
- Our Mastery Learning approach requires learners to interact with the content and demonstrate proficiency before advancing through a course.





Drive Conformance to Your Company Way

Critical Information Control System® (CICS) enables companies to manage the distribution of company procedures, policies, forms, surveys and incident investigations – any content, in any file format viewable by the employee -- to anyone who needs to know the information, including contractors and supply chain. Our Quiz Creator feature assures comprehension through custom tests and assessments, assuring employees read and understood the material. Most importantly, this critical information is e-signed off by employees verifying they will abide by what they read, raising their awareness that what they learned becomes part of their compliance history.

Electronic Acknowledgement and Response

UL's solution not only enables you to drive and measure employee comprehension of critical issues and documents, we also develop competency-based learning and role-based programs to meet each customer's goals. With the help of UL, you can:

- Comply with changing regulatory requirements and crucial document management.
- Strengthen your workplace safety culture.
- Increase operational efficiency.
- Track both employee and contractor training using a web-based authentication process.
- Address management challenges effectively and cost efficiently.
- Accurately identify and eliminate critical knowledge gaps through employee-specific learning.



About UL EduNeering

UL EduNeering is a business line within UL Life & Health's Business Unit. UL is a global independent safety science company offering expertise across five key strategic businesses: Life & Health, Product Safety, Environment, Verification Services and Enterprise Services.

UL EduNeering develops technology-driven solutions to help organizations mitigate risks, improve business performance and establish qualification and training programs through a proprietary, cloud-based platform, ComplianceWire®.

For more than 30 years, UL has served corporate and government customers in the Life Science, Health Care, Energy and Industrial sectors. Our global quality and compliance management approach integrates ComplianceWire, training content and advisory services, enabling clients to align learning strategies with their quality and compliance objectives.

Since 1999, under a unique partnership with the FDA's Office of Regulatory Affairs (ORA), UL has provided the online training, documentation tracking and 21 CFR Part 11-validated platform for ORA-U, the FDA's virtual university. Additionally, UL maintains exclusive partnerships with leading regulatory and industry trade organizations, including AdvaMed, the Drug Information Association, the Personal Care Products Council and the Duke Clinical Research Institute.