TECHNICAL
EDUCATION
ACADEMY

School of Engineering

COURSE PROGRAMME

000658

PROD003 – Gas Lift

This comprehensive course on Gas Lift Systems delves into the principles, equipment, and techniques involved in optimizing oil production through gas lift technology.



Learn from the Best in the Business!

Course overview

Duration: 5 days / 40 hours · Intermediate level

Why take this course

This comprehensive course on Gas Lift Systems delves into the principles, equipment, and techniques involved in optimizing oil production through gas lift technology. Designed for professionals in the oil and gas industry, this course covers a wide array of topics essential for understanding and implementing effective gas lift operations. Comprehensive Knowledge: Acquire a complete understanding of the various parts of gas lift systems. Improved Skills: Gain hands-on experience in design, operation, and troubleshooting for gas lift systems. Acquire methods to enhance well-being and maximize output. Improve your capacity to recognize and address typical issues in gas lift operations. Cutting-Edge Technology: Keep up with the most recent gas lift system technology developments and trends.

Participants in this course will get the information and abilities necessary to succeed in the oil and gas production industry, particularly concerning the usage of gas lift systems.

Who it is for and how it helps

This course is designed for production engineers and operations staff responsible for designing gas lift installations and/ or performing surveillance and optimization on wells using gas lift.

What you will learn

- Upon completion of this extensive gas lift engineering course, participants will develop essential competencies in both technical knowledge and practical skills.
- Participants will acquire a comprehensive understanding of the principles governing well and reservoir performance, encompassing complex fluid dynamics and advanced reservoir characterization techniques
- A solid grasp of gas lift theory will enable them to analyze fluid properties, assess the advantages and limitations of gas lift systems, interpret performance curves, and understand multiphase flow dynamics
- Furthermore, they will attain advanced proficiency in nodal analysis, inflow and outflow performance forecasting, reservoir drive mechanism evaluation, flow pattern identification, and the selection and design of appropriate lift equipment.

Programme instructor



Ayman Khaled

A strategic, collaborative, and proven change leader of multi-discipline Local and international experience With more than twenty years in managerial capacity in several multinational organizations Lived and Worked in Egypt, North Africa, Caspian See, South-East Asia, and Arabian Gulf Area Demonstrated ability to drive top and bottom-line results to world class levels through focus on people, process, and systems

Passion for talent development making supply chain a competitive advantage for the business.

Extensive experience in Leading major drilling and workover projects and proven history in oil and gas huge drilling & workover projects. Showed high operations' managerial support and effective strategic planning

Instrumental in design and implementation of reinvention projects, initiative-taking, professional with leadership skills while a dynamic member in the local and regional petroleum engineering societies

Experience in major companies' integrations with strong focus on creating a focused one company culture, strong financial delivery, best in class Safety, Quality and Compliance processes and transforming business processed to a competitive advantage

Capability to lead diverse cultures and virtual teams with wide people leadership experience after having different global exposure/experience across North Africa , Middle east & SEA.

Training developer designing blended learning solutions and competency assurance management system projects.

Participation and contacts

Joining the programme

Contact the Academy and quote course code 000658 to confirm dates, delivery format, prices and enrolment terms.

Training for your team

Tell us your business goals, the roles and number of participants, and your preferred dates and location. This will help us discuss the right training option.

Preparing for the programme

The published programme does not specify any prerequisites. Contact us before enrolling to confirm how to prepare.

Discuss your training needs

mail@tecedu.org
www.tecedu.academy

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