

A stepping stone to an exciting career in the Oil & Gas industry

Technical College Petroleum (TCP)
Internet-based study
Stavanger Offshore Technical College, Norway

SOTS
COURSE CENTER



ADULT LEARNING



This internet-based Norwegian educational concept is now available to all companies operating in the Oil and Gas industry

Continuous advances in technology within the Oil & Gas industry, as well as demands for sounder economic structures, entail higher automation requirements and advanced computer based systems. So it becomes mandatory for drilling personnel to update their professional qualifications. In 2009, Stavanger Offshore Technical College (SOTS) and SOTS Course Center partnered with Seadrill to develop a new educational program for drilling personnel worldwide. In answer to this need, Technical College Petroleum (TCP) was developed as an internet-based educational program that could be carried out on a part time basis.

TCP was a good experience. The program gave me flexibility to take exams when I choose, when I am ready and to study according to my availability. This distance learning course allowed me to apply learning to my job and continue interacting with industry professionals.

*Alejandro Galeano
Seadrill*

TCP offers specialized educational programs tailored specifically for offshore and onshore personnel within drilling departments who possess the knowledge required to assume higher positions. Other interested professionals in the field are encouraged to attend this study program in order to further their knowledge within Petroleum Technology.



Target group

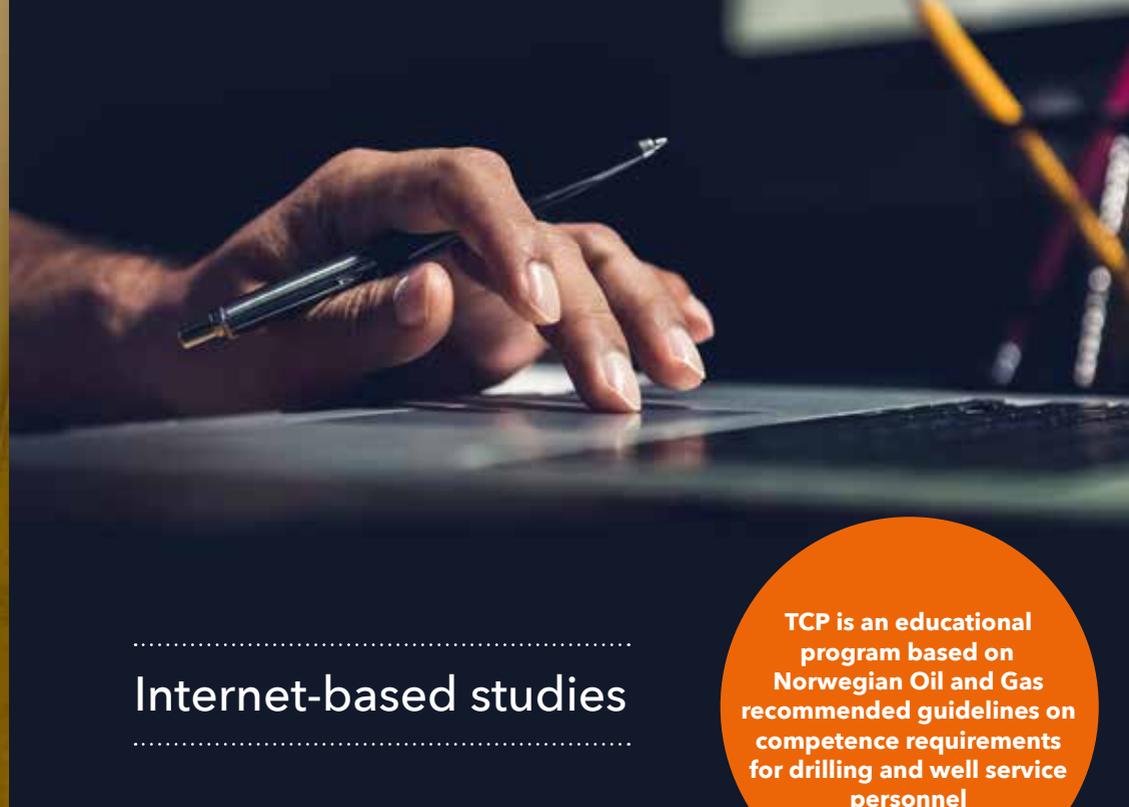
TCP aims at providing education to those working in drilling departments.

Participants can be drilling personnel:

- already assigned to higher positions;
- with the abilities, motivation and potential to enter a higher position within the drilling hierarchy;
- onshore or offshore who wish to increase their theoretical knowledge of Petroleum Technology.

Participants, who want to pursue this line of education, should have:

- aptitude for and an interest in broadening their knowledge;
- ability in applying knowledge towards practical ends.



Internet-based studies

TCP is an educational program based on Norwegian Oil and Gas recommended guidelines on competence requirements for drilling and well service personnel

It consists of the following features:

Its-learning

This is a learning management system with all subject content and learning resources readily available and downloadable, and acts as an efficient communication tool between instructors and participants.

EI-petroleum

Online didactic material provided by a leading publisher in the field.

Streamed lectures

Lectures are given jointly with presentations that contain images and animations to make the study material engaging and user-friendly. Participants have full online access anywhere and at any time.

Instructor availability

The availability of instructors via e-mail and chat options permits participants to receive the support they need in order to complete the program within the stipulated timeframe.

Study Plan for TCP – Petroleum Technology

LEVEL I	LEVEL II	LEVEL III
Exploration, Drilling & Completion	Production	Regulation Systems
Production & Well Service	Reservoir Geology	Drilling & Completion Fluids
Health, Safety & Environment (HSE)	Well Planning	Casing Design
Drilling Specialization	Well Control 1	Pneumatics & Hydraulics
	Well Fluids	Hydraulic Equipment
	Drilling Technology	Drilling Technology 2
	Drilling Operations	Well Control 2
	Maintenance Strategy	
Duration: 6 months	Duration: 1 year	Duration: 6 months
At least 3 years of relevant work experience. Applications are subject to screening.	At least 5 years of relevant work experience and completed TCP level 1. Applications are subject to screening.	At least 6 years of relevant work experience and completed TCP level 1 and TCP level 2. Applications are subject to screening.
Derrickman	Driller	Toolpusher

PREREQUISITES

QUALIFICATION

Entrance requirements

Candidates can gain entrance via one of the three ways.

1. Undergo a screening process based on relevant work experience and/or educational background.
2. Take a screening test according to Norwegian or international standards. Similarly, they can be tested according to company standards.
3. Take an internet-based assessment.

Meeting your company training needs

In order to secure that demands on competence requirements for drilling and well service personnel are met, SOTS Course Center is able to provide a 3-part solution to your company training needs.

Training offer	Description	Example cases
Competence mapping	Assist companies in determining existing level of knowledge according to Norwegian 024 recommended guidelines	Seadrill, Norway
On-the-Job Training	Internal on-the-job training program for companies. This screening process establishes whether personnel have the required training to meet requirements for their positions, and allows the company to document this progression.	Odebrecht Oil & Gas, Brazil
Online training program (TCP)	<i>Technical College Petroleum</i> This 3 level program expands knowledge and competences of professionals entering, or already, in the industry.	Ministry of Petroleum and Natural Resources, Angola*

* Participants sponsored by the Oil for Development program administered by the Norwegian Petroleum Directorate

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Documentation

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Upon completion of the TCP study program and final assessment, a certificate is issued by Stavanger Offshore Technical College, Norway.

The certificate shows the modules covered and the final grade.

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Fees

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Fees include the full internet-based study package of:

- Online learning and study materials
- Presentations
- Streamed lectures
- Instructor support
- Assessment
- Documentation

Fees may be subject to adjustments on a yearly basis according to general changes in industry. For further information please send an email to: sa@sots.no

I had never worked in the Oil & Gas industry before joining Seadrill in May 2010, so TCP was an excellent start to expand my knowledge in the area.

My colleagues and I work offshore and we don't have enough time to study every day, so TCP gives us the opportunity to study any time we want. Teachers and instructors are always available to help us out, whenever we have a doubt, which makes it more dynamic.

*Felipe Maranhão Lopes
Seadrill*

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Stavanger Offshore Technical College (SOTS) and SOTS Course Center, Norway

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Stavanger Offshore Technical College (SOTS)

Stavanger Offshore Technical College is a public education institution in Norway and a leading provider of education and training for the oil industry at vocational school and technical college levels. SOTS has areas within petroleum, maritime, mechanical, electrical, automation, building and construction.



SOTS Course Centre

SOTS Course Centre is an independent department of the College and offers education programs and training packages to the Oil & Gas industry, nationally and internationally.

The Course Centre is audited annually and holds DNV accreditation according to the Maritime Security Centre regulations. It is Norwegian Oil and Gas approved, and training is in accordance with their guidelines.

SOTS Course Centre also holds Norwegian certification for safety training in crane and lifting operations.

As the system is 100% online we can choose how to study on board our rig, on time off or at home depending on our availability.

The possibility of learning theoretical subjects right away was very important for my professional development, giving me understanding of several Petroleum areas from Prospecting to Production.

*Filipe Ventura
Odebrecht Oil & Gas*

I am now doing a post-graduation in Petroleum Engineering. The Technical College Petroleum course had a huge contribution in my development, especially because I am a Trainee for a drilling contractor. I need to acquire knowledge and live experiences on different areas on a rig.

Now that I am a drilling technician and passed through this 2 year course I believe I am even more prepared to face challenges and develop as a Petroleum Engineer.

António Paiva, Archer



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