



## KEY DETAILS

PLACEW	INDUSTRIAL UNIVERSITY OF TYUMEN (IUT)
START DATE	SEPTEMBER 2017
STUDY OPTIONS	FULL-TIME
COURSE DURATION	2 YEARS
FINAL AWARD	MPetEng
EXIT AWARD	MDip

APPLY ONLINE  
[www.tyuiu.ru](http://www.tyuiu.ru)

## THE UNIVERSITY LOOKING TO THE FUTURE!

### TALK TO US

FOR FURTHER INFORMATION ABOUT  
THE COURSE PLEASE CONTACT:

#### INTERNATIONAL COOPERATION DEPT.

TEL: +7 (3452) 28-37-23  
E-MAIL: [raisakhvoshch@gmail.com](mailto:raisakhvoshch@gmail.com),  
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#### ADMISSION COMMITTEE

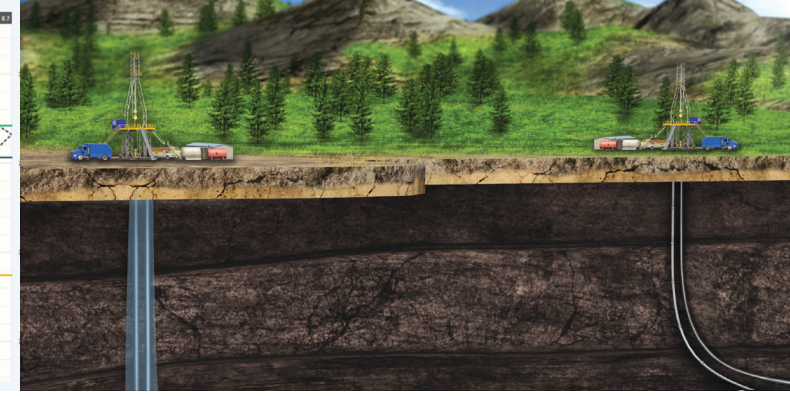
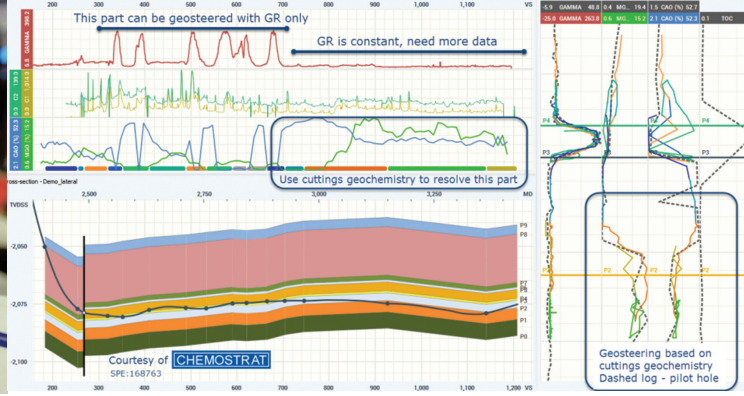
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## GEOSTEERING

DESIGNED  
WITH INDUSTRY  
IN MIND

[www.tyuiu.ru](http://www.tyuiu.ru)



## OVERVIEW

The course is aimed at developing professional skills and work experience in progressive and innovative area of petroleum engineering – geosteering.

Through a combination of theory and practice you will be taught rock mechanics and physical-chemical processes in the near wellbore area. You will learn to control the wellbore trajectory in production zones. The course develops high levels of professional competence in geological and flow simulation of productive pools. All modules & disciplines are delivered in English.

## LEARNING OUTCOMES

- Leading-edge thinking and robust knowledge to successfully apply in geosteering and related areas
- Ability to provide a broad understanding of research, engineering and management aspects related to geosteering
- Competitive advantage in oil & gas market
- All essential professional competencies in the key areas of oil & gas industry.

## CAREER PROSPECTS

Achieving the right qualification is a major investment in your future. This innovative course is specially designed to train tomorrow drilling and well engineering experts. Our graduates will further their career as highly in-demand professionals in oil & gas sector.



## COURSE CONTENT

- Rock Mechanics & Physical-Chemical Processes in the Near Wellbore Area
- Wellbore Trajectory Control in Production Zones
- Geological & Flow Simulation of Productive Pools
- Software for Modelling, Geosteering & Well Design
- Technology & Engineering Tools for Constructing Wells With Horizontal Completion
- Modern Geophysical Methods and Equipment For Oil & Gas Layers Research in Drilling Process

## COURSE ADVANTAGES

We guarantee the faculty and staff to be professionals of the highest rank including professors of IUT and European Universities as well as invited speakers and industry experts.

All full-time students can be assessed and credited for IWCF level 2.

## WHO SHOULD APPLY?

The course is suitable for those who hold a Bachelor degree in Science & Engineering. However those with other qualifications but with background in Petroleum Engineering may be considered.

The course is aimed at practising drilling and well engineers employed in oil & gas industry.

