

**OIL AND GAS ENGINEERING ACADEMY
PRELIMINARY TRAINING SCHEDULE
2023***

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
1. Offshore oil and gas engineering				
1.	Offshore oil and gas facilities (agenda)	5/40	60 000	Q IV
2.	International standards for casing and tubing design, offshore and onshore	5/40	80 000	Q IV
3.	Offshore drilling	5/40	60 000	Q IV
4.	Environmental documentation for offshore projects	5/40	65 000	February, 27 – March, 3
5.	Operation features of offshore ice-resistant fixed platform	5/40	65 000	February, 13-17
2. Geology and petrophysics				
6.	Basic well log interpretation (agenda)	5/40	60 000	January, 30 – February, 3
7.	Advanced well log interpretation (agenda)	5/40	60 000	Q IV
8.	Production logging and well monitoring	5/40	65 000	Q III
9.	Well logging for reservoir management	5/40	60 000	March, 20-25
10.	Basic geological modeling (agenda)	5/40	60 000	September, 25-29
11.	Advanced geological modeling (agenda)	5/40	60 000	July, 10-14
12.	Reef complexes (agenda)	4/32	65 000	Q III

* SUBJECT TO CHANGE

* Mode of study: face-to-face, e-learning, combined

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
13.	Petroleum system modeling for sedimentary basins (agenda)	5/40	70 000	April, 24-28
14.	Reservoir fluid sampling and PVT analysis (agenda)	5/40	60 000	Q III
15.	Applied well test design and analysis (oil) (agenda)	5/40	60 000	May, 15-19
16.	Advanced well test design and analysis (oil) (agenda)	5/40	60 000	Q III
17.	Applied well test design and analysis (gas)	5/40	60 000	April, 3-7
18.	Advanced well test design and analysis (gas)	5/40	60 000	Q IV
19.	Gas condensate study (agenda)	4/32	60 000	Q III
20.	Modern technics of well testing	5/40	65 000	Q III
21.	Sedimentology: lithofacies and formation analysis (agenda)	5/40	60 000	Q IV
22.	Rock physics and geophysics in petroleum geology	5/40	60 000	Q IV
23.	Modern geophysical study technics	5/40	60 000	Q IV
24.	Seismic interpretation. Integration with Rock Physics data	5/40	60 000	Q III
25.	Amplitude seismic interpretation	5/40	60 000	Q IV
26.	Improving reserves estimation accuracy	5/40	60 000	Q IV
27.	Neural networks for geological easement development	5/40	60 000	Q I
28.	Advanced techniques of Petroleum Exploration	5/40	60 000	April, 10-14
29.	Modern petrophysics: theory and practice	5/40	60 000	February, 6-10
30.	Conceptual model in geological and process simulation: key scenario uncertainties	5/40	60 000	Q III
31.	Carbonate sedimentary systems and carbonate reservoirs	4/32	50 000	March, 20-23
3. Reservoir engineering and waterflooding				
32.	Basic reservoir simulation: modern approaches to design, application and assessment (agenda)	5/40	80 000	February, 13-17

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
33.	Advanced reservoir simulation: modern approaches to design, application and assessment	5/40	80 000	June, 26-30
34.	Reservoir simulation: modern approaches to design, application and assessment (expert level)	5/40	90 000	Q IV
35.	Reservoir simulation: practical aspects (agenda)	5/40	60 000	Q III
36.	Multidisciplinary approach to reservoir simulation (agenda)	5/40	60 000	Q III
37.	Model control: part 1 - geological modeling	5/40	65 000	Q IV
38.	Model control: part 1 - reservoir modeling	5/40	65 000	Q IV
39.	Effective Reservoir Management (agenda)	5/40	60 000	June, 19-23
40.	Waterflood management: productivity decline and EOR (agenda)	5/40	60 000	April, 3-7
41.	Basic waterflooding: physics, technologies, field cases (agenda)	5/40	60 000	April, 10-14
42.	Formation Damage and Productivity Enhancement in Oil & Gas Reservoirs (agenda)	5/40	60 000	May, 15-19
43.	Well injectivity: prediction, damage prevention, stimulation (agenda)	5/40	60 000	Q III
44.	Improved cost-effective waterflooding and EOR (agenda)	5/40	60 000	Q III
45.	Oil and gas production for non-specialists	3/24	50 000	Q IV
46.	Geomechanical modeling	5/40	60 000	Q III
47.	Development of gas fields	3/24	65 000	Q IV
48.	Developing oil fields with massive gas caps	3/24	65 000	Q IV

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49.	Rock Physics for effective reservoir physical properties modeling (agenda)	3/24	50 000	March, 13-15
50.	Machine Learning and Data Science for Upstream Professionals	5/40	200 000	Q IV
51.	Smart field: from tools to optimization	5/40	65 000	Q III
4. Production technology				
52.	Flow assurance in heavy oil production (agenda)	5/40	60 000	Q IV
53.	Horizontal wells: applicability, construction, completion, productivity & flow rate measurement (agenda)	4/32	75 000	Q III
54.	Completion design, onshore and offshore	5/40	80 000	Q IV
55.	Modern oil production technology. Oil and gas facilities fundamentals (agenda)	5/40	60 000	Q III
56.	Horizontal and multilaterall wells. Well completion. Smart wells (agenda)	5/40	65 000	April, 17-21
57.	Unconventional hydrocarbons	5/40	65 000	Q III
58.	Artificial lift	5/40	65 000	May, 29 – June, 2
59.	Asphaltene and hydraulic deposits: conditions, prevention, and disposal	5/40	60 000	Q IV
60.	Modern well completion and workover techniques: horizontal and multilateral wells. Rigless-techniques	5/40	60 000	Q III
61.	Oilfield equipment corrosion. Anticorrosion techniques	5/40	60 000	Q III
5. Enhanced recovery				
62.	Enhanced oil recovery: geological and technological aspects (agenda)	5/40	60 000	Q III
63.	Modern EOR technics (agenda)	5/40	60 000	Q III

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64.	Hydraulic fracturing design and control	5/40	65 000	Q IV
65.	Petroleum geochemistry (agenda)	4/32	50 000	Q IV
66.	Production performance support at different stages of field development	3/24	50 000	Q III
67.	Bottom-hole zone acid treatment: design, liquid quality control, and process engineering	3/24	50 000	May, 22-24
68.	FRACPRO for hydraulic fracturing design and analysis	5/40	60 000	June, 5-9
69.	Hydraulic fracturing for enhanced oil recovery. Well intervention performance evaluation	5\40	65 000	March, 13-17
70.	Advanced production stimulation techniques	5/40	65 000	Q III
71.	Well interventions planning and evaluation	5/40	65 000	Q III
6. HSE				
72.	Dropped objects prevention system at drilling and downhole facilities (agenda)	3/24	50 000	Q IV
73.	Environmental targets and protection for oil and gas field	3/24	50 000	Q IV
74.	Ecological damage prevention: offshore and coastal oil spill disasters (agenda)	3/24	50 000	May, 15-17
75.	Ecological damage prevention and countermeasure: oil spill disasters (agenda)	4/32	50 000	May, 10-13
7. Drilling				
76.	Deviated well construction (agenda)	4/32	70 000	May, 22-25
77.	Drilling Fluid Engineering (agenda)	5/40	60 000	Q IV
78.	Flushing fluids mixing and application	5/40	60 000	April, 24-28
79.	Geo-steering and M/LWD (agenda)	5/40	60 000	March, 27-31
80.	Well Plan and Compass: engineering analysis for drilling program design	6/48	70 000	April, 3-8
81.	Accident control and prevention during well construction and workover	5/40	60 000	Q II

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82.	Best practices of Casing while Drilling technique	3/24	60 000	March, 20-22
83.	Drilling and workover supervision	5/40	60 000	April, 25-29
8. Business development. Personal growth				
84.	Effective communication: maximum communication tactics (training)	3/24	40 000	April, 17-19
85.	Stress management: individual action plan	3/24	40 000	April, 20-22
86.	Personal effectiveness: planning and self-motivation (training)	3/24	40 000	April, 24-26
87.	Modern manager: advanced leadership and coaching	3/24	40 000	April, 27-29
88.	Team building and development: effective management of group processes	5/40	40 000	Q III
89.	Successful international cooperation: features of business communication with foreign partners	5/40	40 000	May, 2-6
90.	Effective communication and personal growth (based on Schultz von Thun and Riemann-Tomanna models)	5/40	40 000	June, 19-23
91.	Basic Petroleum English (agenda)	5/40	40 000	April, 3-7
92.	Advanced Petroleum English (agenda)	5/40	40 000	April, 10-14
93.	Basic Petroleum English for management (agenda)	5/40	40 000	Q III
94.	Advanced Petroleum English for management (agenda)	5/40	40 000	Q III
95.	MICROSOFT EXCEL: Visual Basic for Applications	5/40	40 000	June, 26-30
96.	Advanced MICROSOFT EXCEL	5/40	40 000	March, 27-31

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97.	MICROSOFT EXCEL: enhanced options	5/40	40 000	February, 13-17
9. Economy, management and consulting				
98.	Advanced strategic analysis (agenda)	2/16	25 000	February, 20-21
99.	Strategic management in oil and gas business. Theory & practice (agenda)	2/16	25 000	March, 30-31
100.	Advanced sales management (agenda)	2/16	25 000	February, 27-28
101.	Business assessment and decision making	5/40	50 000	June, 26-30
102.	Production management. H&R management	5/40	50 000	Q III
103.	Project management: standards and technologies	5/40	50 000	March, 13-17
104.	Budget as a business planning tool	3/24	40 000	June, 13-15
105.	Lean management in oil & gas industry: concept, tools, implementation	5/40	50 000	June, 5-9
106.	Lean management in oil & gas industry: extra tools for implementation and control	5/40	50 000	Q III
107.	Development, implementation and improvement of quality management system in compliance with ISO 9001	5/40	50 000	Q IV
10. Virtual technologies in oil and gas industry				
108.	Maintenance and repair of oilfield equipment and plants (<i>with the use of VR training simulators</i>) <ul style="list-style-type: none"> • Replacement of belt gear on the jack-pump; • Replacement of the polish rod's casing head stuffing box of sucker-rod pumping unit; • Hot oil flushing of electric centrifugal pump units; • Gas, oil, and water show liquidation during lifting of electric centrifugal pump unit 	3/24	25 000	Q I

* If you could not find any course, it does not mean we do not have it. It can be out of schedule. We have solutions for all our students.

** If you want to study with your colleagues, and have a group of more than five people, we are ready to change the date and course program according to your needs.

*** This information is provided for general information purposes only and does not constitute an offer.

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