

**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.	Drilling and workover, offshore Russia	3/24	70 000	Q I
3.	Well planning and design, offshore Russia	3/24	70 000	Q II
4.	International standards for casing and tubing design, offshore and onshore	5/40	80 000	Q IV
5.	Offshore drilling	5/40	60 000	Q IV
6.	Offshore developments	5/40	60 000	Q II
7.	Environmental documentation for offshore projects	5/40	65 000	Q I
8.	Operation features of offshore ice-resistant fixed platform	5/40	65 000	Q I
2. Geology and petrophysics				
9.	Basic well log interpretation (agenda)	5/40	60 000	Q I
10.	Advanced well log interpretation (agenda)	5/40	60 000	Q IV
11.	Production logging and well monitoring	5/40	65 000	Q III
12.	Well logging for reservoir management	5/40	60 000	Q I

* 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.	Basic geological modeling (agenda)	5/40	60 000	Q III
14.	Advanced geological modeling (agenda)	5/40	60 000	Q III
15.	Reef complexes (agenda)	4/32	65 000	Q III
16.	Petroleum system modeling for sedimentary basins (agenda)	5/40	70 000	Q I
17.	Reservoir fluid sampling and PVT analysis (agenda)	5/40	60 000	Q III
18.	Applied well test design and analysis (oil) (agenda)	5/40	60 000	Q II
19.	Advanced well test design and analysis (oil) (agenda)	5/40	60 000	Q III
20.	Applied well test design and analysis (gas)	5/40	60 000	Q II
21.	Advanced well test design and analysis (gas)	5/40	60 000	Q IV
22.	Gas condensate study (agenda)	4/32	60 000	Q III
23.	Modern technics of well testing	5/40	65 000	Q III
24.	Sedimentology: lithofacies and formation analysis (agenda)	5/40	60 000	Q IV
25.	Rock physics and geophysics in petroleum geology	5/40	60 000	Q IV
26.	Carbonate basin: genesis, secondary alteration, study methods	5/40	65 000	Q III
27.	Modern geophysical study technics	5/40	60 000	Q IV
28.	Fundamentals of HCS modeling (agenda)	3/24	50 000	Q II
29.	Seismic interpretation. Integration with Rock Physics data	5/40	60 000	Q III
30.	Amplitude seismic interpretation	5/40	60 000	Q IV
31.	Improving reserves estimation accuracy	5/40	60 000	Q IV
32.	Neural networks for geological easement development	5/40	60 000	Q III
33.	Advanced techniques of Petroleum Exploration	5/40	60 000	Q II

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
34.	Modern petrophysics: theory and practice	5/40	60 000	Q I
35.	Conceptual model in geological and process simulation: key scenario uncertainties	5/40	60 000	Q III
36.	Carbonate sedimentary systems and carbonate reservoirs	4/32	50 000	Q II
3. Reservoir engineering and waterflooding				
37.	Basic reservoir simulation: modern approaches to design, application and assessment (agenda)	5/40	80 000	Q I
38.	Advanced reservoir simulation: modern approaches to design, application and assessment	5/40	80 000	Q II
39.	Reservoir simulation: modern approaches to design, application and assessment (expert level)	5/40	90 000	Q IV
40.	Reservoir simulation: practical aspects (agenda)	5/40	60 000	Q III
41.	Multidisciplinary approach to reservoir simulation (agenda)	5/40	60 000	Q III
42.	Model control: part 1 - geological modeling	5/40	65 000	Q IV
43.	Model control: part 1 - reservoir modeling	5/40	65 000	Q IV
44.	Effective Reservoir Management (agenda)	5/40	60 000	Q II
45.	Waterflood management: productivity decline and EOR (agenda)	5/40	60 000	Q II
46.	Basic waterflooding: physics, technologies, field cases (agenda)	5/40	60 000	Q II
47.	Advanced waterflooding: physics, technologies, field cases (agenda)	5/40	60 000	Q II
48.	Formation Damage and Productivity Enhancement in Oil & Gas Reservoirs (agenda)	5/40	60 000	Q II
49.	Well injectivity: prediction, damage prevention, stimulation (agenda)	5/40	60 000	Q III

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
50.	Improved cost-effective waterflooding and EOR (agenda)	5/40	60 000	Q III
51.	Oil and gas production for non-specialists	3/24	50 000	Q IV
52.	Geomechanical modeling	5/40	60 000	Q III
53.	Development of gas fields	3/24	65 000	Q IV
54.	Developing oil fields with massive gas caps	3/24	65 000	Q IV
55.	Rock Physics for effective reservoir physical properties modeling (agenda)	3/24	50 000	Q III
56.	Machine Learning and Data Science for Upstream Professionals	5/40	200 000	Q IV
57.	Smart field: from tools to optimization	5/40	65 000	Q III
4. Production technology				
58.	Flow assurance in heavy oil production (agenda)	5/40	60 000	Q IV
59.	Horizontal wells: applicability, construction, completion, productivity & flow rate measurement (agenda)	4/32	75 000	Q III
60.	Completion and workover supervising, onshore and offshore	5/40	80 000	Q III
61.	Completion design, onshore and offshore	5/40	80 000	Q IV
62.	Modern oil production technology. Oil and gas facilities fundamentals (agenda)	5/40	60 000	Q III
63.	Physical and chemical analysis of rocks and fluids	3/40	50 000	Q III
64.	Horizontal and multilaterall wells. Well completion. Smart wells (agenda)	5/40	65 000	Q II

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
65.	Unconventional hydrocarbons	5/40	65 000	Q III
66.	Artificial lift	5/40	65 000	Q II
67.	Corrossion management principles	5/40	60 000	Q III
68.	Complication control (scale, asphaltene deposits, corrosion)	5/40	60 000	Q IV
69.	Modern well completion and workover techniques: horizontal and multilateral wells. Rigless-techniques	5/40	60 000	Q III
70.	Oilfield equipment corrosion and anticorrosion techniques	5/40	60 000	Q III
5. Enhanced recovery				
71.	Enhanced oil recovery: geological and technological aspects (agenda)	5/40	60 000	Q III
72.	Modern EOR technics (agenda)	5/40	60 000	Q III
73.	Hydraulic fracturing design and control	5/40	65 000	Q IV
74.	Petroleum geochemistry (agenda)	4/32	50 000	Q IV
75.	Production performance support at different stages of field development	3/24	50 000	Q III
76.	Bottom-hole zone acid treatment: design, liquid quality control, and process engineering	3/24	50 000	Q II
77.	FRACPRO for hydraulic fracturing design and analysis	5/40	60 000	Q II
78.	Hydraulic fracturing for enhanced oil recovery. Well intervention performance evaluation	5\40	65 000	Q I
6. HSE				
79.	Dropped objects prevention system at drilling and downhole facilities (agenda)	3/24	50 000	Q IV
80.	Environmental targets and protection for oil and gas field	3/24	50 000	Q IV
81.	Ecological damage prevention: offshore and coastal oil spill disasters (agenda)	3/24	50 000	Q II

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
82.	Ecological damage prevention and countermeasure: oil spill disasters (agenda)	4/32	50 000	Q II
7. Drilling				
83.	Deviated well construction (agenda)	4/32	70 000	Q II
84.	Drilling supervising, onshore and offshore	3/24	60 000	Q IV
85.	Drilling Fluid Engineering (agenda)	5/40	60 000	Q IV
86.	Flushing fluids mixing and application	5/40	60 000	Q II
87.	MWD of horizontal and directional wells (agenda)	4/32	50 000	Q II
88.	Geo-steering and M/LWD (agenda)	5/40	60 000	Q I
89.	Well Plan and Compass: engineering analysis for drilling program design	5/40	70 000	Q II
90.	Risk management in well construction	5/40	60 000	Q II
91.	Best practices of Casing while Drilling technique	5/40	60 000	Q I
8. Business development. Personal growth				
92.	Effective communication: maximum communication tactics (training)	3/24	40 000	Q II
93.	Stress management: individual action plan	3/24	40 000	Q II
94.	Personal effectiveness: planning and self-motivation (training)	3/24	40 000	Q II
95.	Modern manager: advanced leadership and coaching	3/24	40 000	Q II
96.	Basic Excel practical training for oil and gas professionals	5/40	40 000	Q III
97.	Advanced Excel practical training for oil and gas professionals	5/40	40 000	Q III
98.	Team building and development: effective management of group processes	5/40	40 000	Q III

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
99.	Successful international cooperation: features of business communication with foreign partners	5/40	40 000	Q III
100.	Effective communication and personal growth (based on Schultz von Thun and Riemann-Tomanna models)	5/40	40 000	Q III
101.	Basic Petroleum English (agenda)	5/40	40 000	Q II
102.	Advanced Petroleum English (agenda)	5/40	40 000	Q II
103.	Basic Petroleum English for management (agenda)	5/40	40 000	Q III
104.	Advanced Petroleum English for management (agenda)	5/40	40 000	Q III
105.	MICROSOFT EXCEL: Visual Basic for Applications	5/40	40 000	Q II
106.	Advanced MICROSOFT EXCEL	5/40	40 000	Q I
107.	MICROSOFT EXCEL: enhanced options	5/40	40 000	Q I
108.	Profiling, neuro-technology and lie detection	5/40	40 000	Q II
9. Economy, management and consulting				
109.	Advanced strategic analysis (agenda)	2/16	25 000	Q I
110.	Strategic management in oil and gas business. Theory & practice (agenda)	2/16	25 000	Q I
111.	Advanced sales management (agenda)	2/16	25 000	Q I
112.	Business assessment and decision making	5/40	50 000	Q II
113.	Internal procurement for petroleum sector: optimization technics	3/24	40 000	Q I

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
114.	Production management. H&R management	5/40	50 000	Q III
115.	Project management: standards and technologies	5/40	50 000	Q I
116.	Budget as a business planning tool	3/24	40 000	Q II
117.	Integrated safety: internal and external business threats	5/40	50 000	Q I
118.	Anti-corruption management system	3/24	40 000	Q II
119.	Lean management in oil & gas industry: concept, tools, implementation	5/40	50 000	Q II
120.	Lean management in oil & gas industry: extra tools for implementation and control	5/40	50 000	Q III
121.	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				
122.	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.

For any further information, please contact: MatyshenkoNS@oilteam.ru