

**OIL AND GAS ENGINEERING ACADEMY**  
**PRELIMINARY TRAINING SCHEDULE**  
**2024\***

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
<b>1. Offshore oil and gas engineering</b>				
1.	Offshore oil and gas facilities ( <a href="#">agenda</a> )	5/40	60 000	Q IV
2.	Offshore drilling	5/40	60 000	Q I
<b>2. Geology and petrophysics</b>				
3.	Basic well log interpretation ( <a href="#">agenda</a> )	5/40	60 000	Q I
4.	Advanced well log interpretation ( <a href="#">agenda</a> )	5/40	60 000	Q IV
5.	Production logging and well monitoring	5/40	65 000	Q III
6.	Well logging for reservoir management	5/40	60 000	Q I
7.	Basic geological modeling ( <a href="#">agenda</a> )	5/40	60 000	Q III
8.	Advanced geological modeling ( <a href="#">agenda</a> )	5/40	60 000	Q IV
9.	Reef complexes ( <a href="#">agenda</a> )	4/32	65 000	Q III
10.	Petroleum system modeling for sedimentary basins ( <a href="#">agenda</a> )	5/40	70 000	Q I
11.	Reservoir fluid sampling and PVT analysis ( <a href="#">agenda</a> )	5/40	60 000	Q III
12.	Applied well test design and analysis (oil) ( <a href="#">agenda</a> )	5/40	60 000	Q II
13.	Advanced well test design and analysis (oil) ( <a href="#">agenda</a> )	5/40	60 000	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
14.	Applied well test design and analysis (gas)	5/40	60 000	Q II
15.	Advanced well test design and analysis (gas)	5/40	60 000	Q IV
16.	Gas condensate study ( <a href="#">agenda</a> )	4/32	60 000	Q III
17.	Modern technics of well testing	5/40	65 000	Q III
18.	Sedimentology: lithofacies and formation analysis ( <a href="#">agenda</a> )	5/40	60 000	Q IV
19.	Rock physics and geophysics in petroleum geology	5/40	60 000	Q III
20.	Modern Rock Physics: Quantitative interpretation of seismic data ( <a href="#">agenda</a> )	5/40	60 000	Q IV
21.	Neural networks for geological easement development	5/40	60 000	Q I
22.	Advanced techniques of Petroleum Exploration	5/40	60 000	Q II
23.	Modern petrophysics: theory and practice	5/40	60 000	Q I
24.	Conceptual model in geological and process simulation: key scenario uncertainties	5/40	60 000	Q III
25.	Carbonate sedimentary systems and carbonate reservoirs	4/32	50 000	Q I
<b>3. Reservoir engineering and waterflooding</b>				
26.	Basic reservoir simulation: modern approaches to design, application and assessment ( <a href="#">agenda</a> )	5/40	80 000	Q I
27.	Advanced reservoir simulation: modern approaches to design, application and assessment	5/40	80 000	Q II
28.	Reservoir simulation: modern approaches to design, application and assessment (expert level)	5/40	90 000	Q IV
29.	Multidisciplinary approach to reservoir simulation ( <a href="#">agenda</a> )	5/40	60 000	Q III
30.	Model control: part 1 - geological modeling	5/40	65 000	Q IV

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
31.	Model control: part 1 - reservoir modeling	5/40	65 000	Q IV
32.	Effective Reservoir Management ( <a href="#">agenda</a> )	5/40	60 000	Q II
33.	Waterflood management: productivity decline and EOR ( <a href="#">agenda</a> )	5/40	60 000	Q I
34.	Basic waterflooding: physics, technologies, field cases ( <a href="#">agenda</a> )	5/40	60 000	Q II
35.	Formation Damage and Productivity Enhancement in Oil & Gas Reservoirs ( <a href="#">agenda</a> )	5/40	60 000	Q II
36.	Improved cost-effective waterflooding and EOR ( <a href="#">agenda</a> )	5/40	60 000	Q III
37.	Oil and gas production for non-specialists	3/24	50 000	Q IV
38.	Geomechanical modeling	5/40	60 000	Q III
39.	Development of gas fields	3/24	65 000	Q IV
40.	Developing oil fields with massive gas caps	3/24	65 000	Q IV
41.	Rock Physics for effective reservoir physical properties modeling ( <a href="#">agenda</a> )	3/24	50 000	Q I
42.	Machine Learning and Data Science for Upstream Professionals	5/40	200 000	Q IV
43.	Smart field: from tools to optimization	5/40	65 000	Q III
<b>4. Production technology</b>				
44.	Horizontal wells: applicability, construction, completion, productivity & flow rate measurement ( <a href="#">agenda</a> )	4/32	75 000	Q III
45.	Modern oil production technology. Oil and gas facilities fundamentals ( <a href="#">agenda</a> )	5/40	60 000	Q III

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46.	Horizontal and multilaterall wells. Well completion. Smart wells ( <a href="#">agenda</a> )	5/40	65 000	Q II
47.	Unconventional hydrocarbons	5/40	65 000	Q III
48.	Artificial lift	5/40	65 000	Q II
49.	Asphaltene and hydraulic deposits: conditions, prevention, and disposal	5/40	50 000	Q IV
50.	Modern well completion and workover techniques: horizontal and multilateral wells. Rigless-techniques	5/40	60 000	Q III
51.	Oilfield equipment corrosion. Anticorrosion techniques	5/40	60 000	Q III
<b>5. Enhanced recovery</b>				
52.	Enhanced oil recovery: geological and technological aspects ( <a href="#">agenda</a> )	5/40	60 000	Q III
53.	Modern EOR technics ( <a href="#">agenda</a> )	5/40	60 000	Q III
54.	Hydraulic fracturing design and control	5/40	65 000	Q IV
55.	Petroleum geochemistry ( <a href="#">agenda</a> )	4/32	50 000	Q IV
56.	Production performance support at different stages of field development	3/24	50 000	Q III
57.	Bottom-hole zone acid treatment: design, liquid quality control, and process engineering	3/24	50 000	Q II
58.	FRACPRO for hydraulic fracturing design and analysis	5/40	60 000	Q II
59.	Hydraulic fracturing for enhanced oil recovery. Well intervention performance evaluation	5\40	65 000	Q I
60.	Advanced production stimulation techniques	5/40	65 000	Q III
61.	Well interventions planning and evaluation	5/40	65 000	Q III
<b>6. HSE</b>				
62.	Dropped objects prevention system at drilling and downhole facilities ( <a href="#">agenda</a> )	3/24	50 000	Q IV

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63.	Environmental targets and protection for oil and gas field	3/24	50 000	Q IV
<b>7. Drilling</b>				
64.	Deviated well construction ( <a href="#">agenda</a> )	4/32	70 000	Q II
65.	Drilling Fluid Engineering ( <a href="#">agenda</a> )	5/40	60 000	Q IV
66.	Flushing fluids mixing and application	5/40	60 000	Q II
67.	Geo-steering and M/LWD ( <a href="#">agenda</a> )	5/40	60 000	Q I
68.	Well Plan and Compass: engineering analysis for drilling program design	6/48	70 000	Q II
69.	Accident control and prevention during well construction and workover	5/40	60 000	Q II
70.	Best practices of Casing while Drilling technique	3/24	60 000	Q II
71.	Drilling and workover supervision	5/40	60 000	Q II
72.	Managed pressure drilling	5/40	60 000	Q IV
<b>8. Business development. Personal growth</b>				
73.	Effective communication: maximum communication tactics (training)	3/24	40 000	Q II
74.	Stress management: individual action plan	3/24	40 000	Q II
75.	Personal effectiveness: planning and self-motivation (training)	3/24	40 000	Q II
76.	Modern manager: advanced leadership and coaching	3/24	40 000	Q II
77.	Team building and development: effective management of group processes	5/40	40 000	Q III
78.	Successful international cooperation: features of business communication with foreign partners	5/40	40 000	Q II

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79.	Effective communication and personal growth (based on Schultz von Thun and Riemann-Tomanna models)	5/40	40 000	Q II
80.	Basic Petroleum English ( <a href="#">agenda</a> )	5/40	50 000	Q II
81.	Advanced Petroleum English ( <a href="#">agenda</a> )	5/40	50 000	Q II
82.	Basic Petroleum English for management ( <a href="#">agenda</a> )	5/40	50 000	Q III
83.	Advanced Petroleum English for management ( <a href="#">agenda</a> )	5/40	50 000	Q III
84.	MICROSOFT EXCEL: Visual Basic for Applications	5/40	40 000	Q II
85.	Advanced MICROSOFT EXCEL	5/40	40 000	Q I
86.	MICROSOFT EXCEL: enhanced options	5/40	40 000	Q I
<b>9. Economy, management and consulting</b>				
87.	Advanced strategic analysis ( <a href="#">agenda</a> )	2/16	25 000	Q I
88.	Strategic management in oil and gas business. Theory & practice ( <a href="#">agenda</a> )	2/16	25 000	Q I
89.	Advanced sales management ( <a href="#">agenda</a> )	2/16	25 000	Q I
90.	Business assessment and decision making	5/40	50 000	Q II
91.	Production management. H&R management	5/40	50 000	Q III
92.	Project management: standards and technologies	5/40	50 000	Q III
93.	Budget as a business planning tool	3/24	40 000	Q III

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
94.	Lean management in oil & gas industry: concept, tools, implementation	5/40	50 000	Q II
95.	Lean management in oil & gas industry: extra tools for implementation and control	5/40	50 000	Q III
96.	Development, implementation and improvement of quality management system in compliance with ISO 9001	5/40	50 000	Q IV
97.	Investment analysis	5/40	50 000	Q III
<b>10. Virtual technologies in oil and gas industry</b>				
98.	Maintenance and repair of oilfield equipment and plants ( <i>with the use of VR training simulators</i> ) <ul style="list-style-type: none"> <li>• Replacement of belt gear on the jack-pump;</li> <li>• Replacement of the polish rod's casing head stuffing box of sucker-rod pumping unit;</li> <li>• Hot oil flushing of electric centrifugal pump units;</li> <li>• Gas, oil, and water show liquidation during lifting of electric centrifugal pump unit</li> </ul>	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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