

OIL AND GAS ENGINEERING ACADEMY
PRELIMINARY TRAINING SCHEDULE
2021*

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	March, 16-18
3.	Well planning and design, offshore Russia	3/24	70 000	TBD
4.	International standards for casing and tubing design, offshore and onshore	5/40	80 000	Q IV
5.	Offshore drilling	5/40	60 000	October
6.	Offshore developments	5/40	60 000	June, 21-25
7.	Environmental documentation for offshore projects	5/40	65 000	January, 25-29; Q II
2. Geology and petrophysics				
8.	Basic well log interpretation (agenda)	5/40	50 000	March, 15-19; Q III
9.	Advanced well log interpretation	5/40	50 000	Q IV
10.	Production logging and well monitoring	5/40	65 000	Q III
11.	Well logging for reservoir management	5/40	55 000	TBD
12.	Basic geological modeling	5/40	50 000	Q III
13.	Advanced geological modeling	5/40	50 000	Q III

* SUBJECT TO CHANGE

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14.	Reef complexes (agenda)	4/32	65 000	July, 26-29
15.	Petroleum system modeling for sedimentary basins (agenda)	5/40	75 000	TBD
16.	Reservoir fluid sampling and PVT analysis (agenda)	5/40	60 000	September, 13-17
17.	Applied well test design and analysis (oil) (agenda)	5/40	55 000	June, 21-25
18.	Advanced well test design and analysis (oil) (agenda)	5/40	55 000	Q III
19.	Applied well test design and analysis (gas)	5/40	55 000	April, 26-30
20.	Advanced well test design and analysis (gas)	5/40	55 000	Q IV
21.	Gas condensate study (agenda)	4/32	50 000	October
22.	Modern technics of well testing	5/40	65 000	November
23.	Sedimentology: lithofacies and formation analysis	5/40	55 000	Q IV
24.	Rock physics and geophysics in petroleum geology	5/40	55 000	Q IV
25.	Carbonate basin: genesis, secondary alteration, study methods	5/40	65 000	Q III
26.	Modern geophysical study technics	5/40	50 000	Q IV
27.	Fundamentals of HCS modeling	3/24	45 000	Q II
28.	Seismic interpretation	5/40	50 000	TBD
29.	Amplitude seismic interpretation	5/40	50 000	TBD
30.	Improving reserves estimation accuracy	5/40	50 000	April, 12-16 Q IV
31.	Neural networks for geological easement development	5/40	60 000	July
3. Reservoir engineering and waterflooding				
32.	Basic reservoir simulation: modern approaches to design, application and assessment	5/40	85 000	Q III

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33.	Advanced reservoir simulation: modern approaches to design, application and assessment	5/40	85 000	March, 22-26
34.	Reservoir simulation: modern approaches to design, application and assessment (expert level)	5/40	110 000	November
35.	Reservoir simulation: practical aspects (agenda)	5/40	50 000	Q III
36.	Multidisciplinary approach to reservoir simulation (agenda)	5/40	60 000	August
37.	Model control: part 1 - geological modeling	5/40	65 000	October
38.	Model control: part 1 - reservoir modeling	5/40	65 000	October
39.	Effective Reservoir Management (agenda)	5/40	50 000	June, 15-17
40.	Waterflood management: productivity decline and EOR (agenda)	5/40	300 000	TBD
41.	Basic waterflooding: physics, technologies, field cases (agenda)	5/40	300 000	TBD
42.	Advanced waterflooding: physics, technologies, field cases (agenda)	5/40	300 000	TBD
43.	Formation Damage and Productivity Enhancement in Oil & Gas Reservoirs (agenda)	5/40	300 000	TBD
44.	Well injectivity: prediction, damage prevention, stimulation (agenda)	5/40	300 000	TBD
45.	Improved cost-effective waterflooding and EOR (agenda)	5/40	300 000	TBD
46.	Oil and gas production for non-specialists	3/24	45 000	Q IV
47.	Geomechanical modeling	5/40	50 000	September
48.	Development of gas fields	3/24	65 000	Q IV

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49.	Developing oil fields with massive gas caps	3/24	65 000	Q IV
50.	Rock Physics for effective reservoir physical properties modeling	3/24	50 000	April, 19-21
51.	Oil & gas traps, reservoir simulation	5/40	50 000	TBD
4. Production technology				
52.	Flow assurance in heavy oil production	5/40	50 000	October
53.	Horizontal wells: applicability, construction, completion, productivity & flow rate measurement (agenda)	4/32	75 000	Q III
54.	Completion and workover supervising, onshore and offshore	5/40	80 000	Q III
55.	Completion design, onshore and offshore	5/40	80 000	Q IV
56.	Modern oil production technology. Oil and gas facilities fundamentals	5/40	50 000	September
57.	Physical and chemical analysis of rocks and fluids	3/40	40 000	Q III
58.	Horizontal and multilaterall wells. Well completion. Smart wells (agenda)	5/40	65 000	May, 31 – June, 4, December
59.	Unconventional hydrocarbons	5/40	65 000	Q III
60.	Artificial lift	5/40	65 000	May, 24-28, November
61.	Corossion management principles	5/40	50 000	Q III - IV
62.	Complication control (scale, asphaltene deposits, corrosion)	5/40	50 000	Q III - IV
63.	Modern production data analysis	5/40	50 000	Q III - IV

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5. Enhanced recovery				
64.	Enhanced oil recovery: geological and technological aspects (agenda)	5/40	50 000	Q III
65.	Modern EOR technics (agenda)	5/40	50 000	Q III
66.	Hydraulic fracturing design and control	5/40	65 000	Q IV
67.	Petroleum geochemistry	4/32	40 000	December
6. HSE				
68.	Dropped objects prevention system at drilling and downhole facilities	3/24	40 000	March, October
69.	Environmental targets and protection for oil and gas field	3/24	40 000	Q IV
70.	Ecological damage prevention: oil spill disasters	3/24	40 000	May, 17-19
71.	Ecological damage prevention and countermeasure: oil spill disasters	4/32	50 000	May, 24-27
7. Drilling				
72.	Deviated well construction (agenda)	4/32	75 000	May, 10-13
73.	Drilling supervising, onshore and offshore	3/24	70 000	October
74.	Drilling Fluid Engineering (agenda)	5/40	50 000	Q IV
75.	Flushing fluids mixing and application	5/40	50 000	April, 19-23
76.	MWD of horizontal and directional wells	4/32	50 000	May, 4-7
77.	Geo-steering and M/LWD (agenda)	5/40	55 000	March, 22-26, November
78.	Well Planning: process design for directional and horizontal wells drilling	5/40	50 000	April, 12-16, December
79.	Risk management in well construction	5/40	50 000	TBD
8. Business development. Personal growth				

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80.	Effective communication: maximum communication tactics (training)	3/24	25 000	June, 14-16; November
81.	Stress management: individual action plan	3/24	25 000	June, 17-19; November
82.	Personal effectiveness: planning and self-motivation (training)	3/24	25 000	June, 21-23; November
83.	Modern manager: advanced leadership and coaching	3/24	30 000	June, 24-26; November
84.	Basic Excel practical training for oil and gas professionals	5/40	40 000	Q III
85.	Advanced Excel practical training for oil and gas professionals	5/40	40 000	Q III
86.	Team building and development: effective management of group processes	5/40	40 000	Q III-IV
87.	Successful international cooperation: features of business communication with foreign partners	5/40	40 000	Q III-IV
88.	Effective communication and personal growth (based on Schultz von Thun and Riemann-Tomanna models)	5/40	40 000	Q III-IV
89.	Basic Petroleum English (agenda)	5/40	40 000	April, 26-30; August 2-6
90.	Advanced Petroleum English	5/40	40 000	August, 9-13; October
91.	Basic Petroleum English for management	5/40	40 000	August, 16-20
92.	Advanced Petroleum English for management	5/40	40 000	August, 23-27
93.	MICROSOFT EXCEL: Visual Basic for Applications	5/40	40 000	April, 5-9, October, 11-15
94.	Advanced MICROSOFT EXCEL	5/40	40 000	February, 1-5; March, 22-26; May, 31 –

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				June, 4 July, 12-16
95.	MICROSOFT EXCEL: enhanced options	5/40	40 000	April, 19-23, August, 23-27
9. Economy, management and consulting				
96.	Advanced strategic analysis (agenda)	2/16	105 000	TBD
97.	Strategic management in oil and gas business. Theory & practice (agenda)	2/16	105 000	TBD
98.	Advanced sales management (agenda)	2/16	140 000	TBD
99.	Business assessment and decision making	5/40	50 000	Q III
100.	Internal procurement for petroleum sector: optimization technics	3/24	25 000	March, 15-17, September
101.	Production management. H&R management	5/40	50 000	Q III
102.	Project management: standards and technologies	5/40	50 000	March, 1-5
103.	Budget as a business planning tool	3/24	35 000	April, 28-30; December, 2-4