

**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	TBD
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	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

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
14.	Reef complexes (agenda)	4/32	65 000	Q III
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
3. Reservoir engineering and waterflooding				
28.	Basic reservoir simulation: modern approaches to design, application and assessment	5/40	85 000	Q III
29.	Advanced reservoir simulation: modern approaches to design, application and assessment	5/40	85 000	March, 22-26
30.	Reservoir simulation: modern approaches to design, application and assessment (expert level)	5/40	110 000	November
31.	Reservoir simulation: practical aspects (agenda)	5/40	50 000	Q III

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32.	Multidisciplinary approach to reservoir simulation (agenda)	5/40	60 000	August
33.	Model control: part 1 - geological modeling	5/40	65 000	October
34.	Model control: part 1 - reservoir modeling	5/40	65 000	October
35.	Effective Reservoir Management (agenda)	5/40	50 000	June, 15-17
36.	Waterflood management: productivity decline and EOR (agenda)	5/40	300 000	TBD
37.	Basic waterflooding: physics, technologies, field cases (agenda)	5/40	300 000	TBD
38.	Advanced waterflooding: physics, technologies, field cases (agenda)	5/40	300 000	TBD
39.	Formation Damage and Productivity Enhancement in Oil & Gas Reservoirs (agenda)	5/40	300 000	TBD
40.	Well injectivity: prediction, damage prevention, stimulation (agenda)	5/40	300 000	TBD
41.	Improved cost-effective waterflooding and EOR (agenda)	5/40	300 000	TBD
42.	Oil and gas production for non-specialists	3/24	45 000	Q IV
43.	Geomechanical modeling	5/40	50 000	September
44.	Development of gas fields	3/24	65 000	Q IV
45.	Developing oil fields with massive gas caps	3/24	65 000	Q IV
46.	Rock Physics for effective reservoir physical properties modeling	3/24	50 000	April, 19-21
47.	Oil & gas traps, reservoir simulation	5/40	50 000	TBD

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4. Production technology				
48.	Flow assurance in heavy oil production	5/40	50 000	October
49.	Horizontal wells: applicability, construction, completion, productivity & flow rate measurement (agenda)	4/32	75 000	Q III
50.	Completion and workover supervising, onshore and offshore	5/40	80 000	Q III
51.	Completion design, onshore and offshore	5/40	80 000	Q IV
52.	Modern oil production technology. Oil and gas facilities fundamentals	5/40	50 000	September
53.	Physical and chemical analysis of rocks and fluids	3/40	40 000	Q III
54.	Horizontal and multilaterall wells. Well completion. Smart wells (agenda)	5/40	65 000	May, 31 – June, 4, December
55.	Unconventional hydrocarbons	5/40	65 000	Q III
56.	Artificial lift	5/40	65 000	May, 24-28, November
57.	Corrossion management principles	5/40	50 000	Q III - IV
58.	Complication control (scale, asphaltene deposits, corrosion)	5/40	50 000	Q III - IV
59.	Modern production data analysis	5/40	50 000	Q III - IV
5. Enhanced recovery				
60.	Enhanced oil recovery: geological and technological aspects (agenda)	5/40	50 000	Q III
61.	Modern EOR technics (agenda)	5/40	50 000	Q III
62.	Hydraulic fracturing design and control	5/40	65 000	Q IV

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63.	Petroleum geochemistry	4/32	40 000	December
6. HSE				
64.	Dropped objects prevention system at drilling and downhole facilities	3/24	40 000	March, October
65.	Environmental targets and protection for oil and gas field	3/24	40 000	Q IV
66.	Ecological damage prevention: oil spill disasters	3/24	40 000	May, 17-19
67.	Ecological damage prevention and countermeasure: oil spill disasters	4/32	50 000	May, 24-27
7. Drilling				
68.	Deviated well construction (agenda)	4/32	75 000	Q II
69.	Drilling supervising, onshore and offshore	3/24	70 000	October
70.	Drilling Fluid Engineering (agenda)	5/40	50 000	Q IV
71.	Flushing fluids mixing and application	5/40	50 000	April, 19-23
72.	MWD of horizontal and directional wells	4/32	50 000	May, 4-7
73.	Geo-steering and M/LWD (agenda)	5/40	55 000	March, 22-26, November
74.	Well Planning: process design for directional and horizontal wells drilling	5/40	50 000	April, 12-16, December
75.	Risk management in well construction	5/40	50 000	TBD
8. Business development. Personal growth				
76.	Effective communication: maximum communication tactics (training)	3/24	25 000	June, November
77.	Stress management: individual action plan	3/24	25 000	June, November
78.	Personal effectiveness: planning and selfmotivation (training)	3/24	25 000	June, November

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79.	Basic Excel practical training for oil and gas professionals	5/40	40 000	Q III
80.	Advanced Excel practical training for oil and gas professionals	5/40	40 000	Q III
81.	Team building and development: effective management of group processes	5/40	40 000	Q II
82.	Successful international cooperation: features of business communication with foreign partners	5/40	40 000	April, August
83.	Effective communication and personal growth (based on Schultz von Thun and Riemann-Tomanna models)	5/40	40 000	Q III
84.	Basic Petroleum English (agenda)	5/40	40 000	May, October
85.	Advanced Petroleum English	5/40	40 000	May, October
86.	Basic Petroleum English for management	5/40	40 000	Q III
87.	Advanced Petroleum English for management	5/40	40 000	Q III
88.	MICROSOFT EXCEL: Visual Basic for Applications	5/40	40 000	April, 5-9, October, 11-15
89.	Advanced MICROSOFT EXCEL	5/40	40 000	February, 1-5, July, 12-16
90.	MICROSOFT EXCEL: enhanced options	5/40	40 000	April, 19-23, August, 23-27
9. Economy, management and consulting				
91.	Advanced strategic analysis (agenda)	2/16	105 000	TBD
92.	Strategic management in oil and gas business. Theory & practice (agenda)	2/16	105 000	TBD

No.	Course Title	Duration, days/ hours	Price for 1 person, VAT free, RUB	Date
93.	Advanced sales management (agenda)	2/16	140 000	TBD
94.	Business assessment and decision making	5/40	50 000	Q III
95.	Internal procurement for petroleum sector: optimization technics	3/24	25 000	March, September
96.	Production management. H&R management	5/40	50 000	Q III