

**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	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	Q I - II
7.	Environmental documentation for offshore projects	5/40	60 000	Q II
2. Geology and petrophysics				
8.	Basic well log interpretation	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	Q II
12.	Basic geological modeling	5/40	50 000	Q III
13.	Advanced geological modeling	5/40	50 000	Q III

* SUBJECT TO CHANGE

14.	Reef complexes	4/32	65 000	Q III
15.	Petroleum system modeling for sedimentary basins	5/40	75 000	TBD
16.	Reservoir fluid sampling and PVT analysis	5/40	60 000	Q III
17.	Applied well test design and analysis (oil)	5/40	55 000	Q II
18.	Advanced well test design and analysis (oil)	5/40	55 000	Q III
19.	Applied well test design and analysis (gas)	5/40	55 000	Q II
20.	Advanced well test design and analysis (gas)	5/40	55 000	Q IV
21.	Gas condensate study	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	Q II
30.	Reservoir simulation: modern approaches to design, application and assessment (expert level)	5/40	110 000	November
31.	Reservoir simulation: practical aspects	5/40	50 000	Q III
32.	Multidisciplinary approach to reservoir simulation	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	5/40	50 000	Q II
36.	Waterflood management: productivity decline and EOR	5/40	300 000	TBD
37.	Basic waterflooding: physics, technologies, field cases	5/40	300 000	TBD
38.	Advanced waterflooding: physics, technologies, field cases	5/40	300 000	TBD
39.	Formation Damage and Productivity Enhancement in Oil & Gas Reservoirs	5/40	300 000	TBD
40.	Well injectivity: prediction, damage prevention, stimulation	5/40	300 000	TBD
41.	Improved cost-effective waterflooding and EOR	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	Q II
47.	Oil & gas traps, reservoir simulation	5/40	50 000	Q II
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	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	5/40	65 000	June, December
55.	Unconventional hydrocarbons	5/40	65 000	Q III
56.	Artificial lift	5/40	65 000	May, November
57.	Corossion 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	5/40	50 000	Q III
61.	Modern EOR technics	5/40	50 000	Q III
62.	Hydraulic fracturing design and control	5/40	65 000	Q IV
63.	Petroleum geochemistry	4/32	40 000	December
6. HSE				
64.	Dropped objects prevention system at drilling and downhole facilities	3/24	30 000	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	Q II
67.	Ecological damage prevention and countermeasure: oil spill disasters	4/32	50 000	Q II
7. Drilling				
68.	Deviated well construction	4/32	75 000	Q II
69.	Drilling supervising, onshore and offshore	3/24	70 000	October
70.	Drilling Fluid Engineering	5/40	50 000	Q IV
71.	MWD of horizontal and directional wells	4/32	50 000	Q II
72.	Geo-steering and M/LWD	5/40	55 000	April, November
73.	Well Planning: process design for directional and horizontal wells drilling	5/40	50 000	April, December
74.	Risk management in well construction	5/40	50 000	Q I
8. Business development. Personal growth				
75.	Effective communication: maximum communication tactics (training)	3/24	25 000	June, November
76.	Stress management: individual action plan	3/24	25 000	June, November
77.	Personal effectiveness: planning and selfmotivation (training)	3/24	25 000	June, November
78.	Basic Excel practical training for oil and gas professionals	5/40	40 000	Q III
79.	Advanced Excel practical training for oil and gas professionals	5/40	40 000	Q III
80.	Team building and development: effective management of group processes	5/40	40 000	Q II
81.	Successful international cooperation: features of business communication with foreign partners	5/40	40 000	April, August
82.	Effective communication and personal growth (based on Schultz von Thun and Riemann-Tomanna models)	5/40	40 000	Q III

83.	Basic Petroleum English	5/40	40 000	May, October
84.	Advanced Petroleum English	5/40	40 000	May, October
85.	Basic Petroleum English for management	5/40	40 000	Q III
86.	Advanced Petroleum English for management	5/40	40 000	Q III
9. Economy, management and consulting				
87.	Practical workshop: Advanced strategic analysis	2/16	105 000	TBD
88.	Training workshop: Strategic management in oil and gas business. Theory & practice	2/16	105 000	TBD
89.	Practical workshop: Advanced sales management	2/16	140 000	TBD
90.	Business assessment and decision making	5/40	50 000	Q III
91.	Internal procurement for petroleum sector: optimization technics	3/24	25 000	March, September