

02/18/09 OIL AND GAS PROCESSING

Improving production technology with the accompanying minimization of risks, costs and loss of useful substances is an important applied task of any processing enterprise. Supervision of the quality of raw materials, compliance with processing rules and safety precautions is the task of an oil and gas processing technologist. Obtaining the specialty of an oil and gas processing technician (most often this is an operator of a processing unit at an enterprise) is an excellent foundation for a future career in any large company in the fuel and energy sector or in an engineering company.

Where will they teach?

The specialty "Oil and Gas Processing" is one of the areas of training at the Mining and Oil College of the Industrial Institute of USTU.

Duration of study: 3 years 10 months.

Number of seats:

25 budget places for full-time education,

7 contractual places for full-time study.

You can continue your education at an advanced level and obtain higher education in the field of oil and gas processing at the Oil and Gas Faculty.

What will they teach?

- ✓ Monitor the efficiency of equipment operation
- ✓ Ensure safe operation of equipment and communications during the technological process
- ✓ Prepare equipment for various types of repair work
- ✓ Carry out input and output control of the parameters of technological processes of the serviced unit
- ✓ Monitor the efficiency of using equipment, materials, fuel and energy resources
- ✓ Determine the efficiency of the unit, identify vulnerabilities in technology, propose measures that give the best results
- ✓ Analyze the causes of failure, damage to technical devices and take measures to eliminate them
- ✓ Analyze the reasons for deviations from the technological process mode and take measures to eliminate them
- ✓ Develop measures to prevent incidents in the process unit
- ✓ Comply with the rules on labor protection, industrial and fire safety during the operation of technological equipment and communications
- ✓ Comply with the rules for the safe operation of production facilities
- ✓ Take part in experimental work
- ✓ Conduct selection and placement of personnel in jobs taking into account professional skills
- ✓ Conduct professional training for workers

Future Professions

- Balance plant operator
- Vacuum receiver operator
- Acetophenone extraction operator
- Pseudobutylene extraction operator
- Hydrochlorination operator
- Dimerization operator
- Gas drying operator
- Superheating operator
- Compressor operator
- Pump operator
- Technological compressor operator
- Technological pump operator
- Operator of process installations