

02/15/19 WELDING PRODUCTION

The specialty "Welding production" provides an opportunity to obtain a working profession "welder", the qualification of a technician, and also to realize oneself in a wide range of related professions, which in the long term provides the specialist with a stable and decent income and the opportunity for career growth. "Welding production technician" is one of the consistently in-demand specialties. Specialists in the field of welding and welding technologies work in the manufacturing sector, in the field of mechanical engineering, in workshop conditions, in construction, etc.

Where will they teach?

The specialty "Welding production" is one of the areas of training of the Industrial College of the Industrial Institute of USTU.

Duration of study: 3 years 10 months.

Number of seats:

15 budget places for full-time education,

17 contractual places for full-time study.

What will they teach?

- ✓ Prepare and implement technological processes for the manufacture of welded structures
- ✓ Properly store and use welding equipment and tools
- ✓ Design technological processes for the production of welded joints with specified properties
- ✓ Perform calculations and design of welded joints and structures
- ✓ Prepare design, technological and technical documentation
- ✓ Develop and design graphic, computational and design work using information and computer technologies
- ✓ Determine the causes of defects in welded joints
- ✓ Prevent, identify and eliminate defects in welded joints and products to obtain high-quality products
- ✓ Prepare documentation on welding quality control
- ✓ Organize and plan welding production
- ✓ Conduct repairs and maintenance of welding production according to the Unified System of Scheduled Preventive Maintenance
- ✓ Ensure preventive maintenance and safe working conditions in the welding area

What job?

- Gas cutter
- Gas welder
- Welding and gas plasma cutting equipment adjuster
- Welder
- Electric and gas welder
- Electric welder
- Electric welder on automatic and semi-automatic machines
- Electric welder for manual welding