

### 35.02.18 WOOD PROCESSING TECHNOLOGY

Almost a quarter of the world's timber reserves are concentrated in Russia. Woodworking technologies are constantly being modernized, but the demand for competent woodworking specialists remains stable. Graduates of the specialty "Woodworking Technology" can work as site foremen, operators of automatic and semi-automatic lines at furniture factories, woodworking plants, sawmills and woodworking plants, small enterprises producing furniture and wood products. Their responsibilities include calculating the consumption rates of raw materials and materials for the manufacture of products, developing measures for the economical use of raw materials, selecting equipment for cutting materials, machine processing, finishing, calculating productivity and time standards.

#### **Where will they teach?**

The specialty "Woodworking technology" is one of the areas of training at the Forestry College of the Industrial Institute of USTU.

#### **Number of seats:**

**15 budget places for full-time education,**

**17 contractual places for full-time study.**

#### **What will they teach?**

- ✓ Produce round timber using specialized equipment
- ✓ Produce and process semi-finished products and goods from wood and wood materials using woodworking equipment
- ✓ Carry out quality control of final products and parameters of technological processes
- ✓ Use wood materials and equipment efficiently
- ✓ Conduct standard and certification tests of wood materials and products
- ✓ Organize the work of logging and wood processing enterprises
- ✓ Assess production and other costs to ensure the quality of logging and woodworking products
- ✓ Carry out technical quality control of timber and wood products
- ✓ Analyze the state and dynamics of quality indicators of forests, timber, products and technological processes using certain research methods and tools
- ✓ Develop projects for logging and wood products taking into account technological, economic, technical, aesthetic and environmental parameters
- ✓ Develop draft technical conditions, standards, technical descriptions of new logging processes and processes for manufacturing wood products
- ✓ Organize the work of performers, find and make management decisions in the field of organization and labor standards
- ✓ Apply modern methods of studying the structure of wood and wood materials in practice
- ✓ Conduct standard and certification tests of products and technological processes

#### **What job?**

- logging technician;
- woodworking technologist;
- site foreman;
- operator of automatic and semi-automatic lines.