



Belarusian National Technical University

Today, Belarusian National Technical University consists of 16 faculties, 115 departments, 25 branches of departments at enterprises, research establishments including 46 research laboratories, international Institute of distance education, 3 Institutes for Advanced Studies and Retraining of specialists and its 6 branches. The existing scientific schools of the university have received international recognition.



The Faculty of Military Engineering

It's a structural unit of the BNTU. The Military engineering Faculty is considered one of the best in the Republic of Belarus concerning educational and material base, modern technical facilities, computer technologies in educational process, living conditions of cadets.



Graduating Department

«Military Engineering Training»

Basic military special disciplines studied at the department : "Combat engineering vehicles", "Blasting business", "Fortifications and camouflage", "Engineering support of troops", "Military bridges, roads and river crossings", "Mining and demining", "Tactics", "Informatics", "Field water-supply". An educational and material base allows to organize highly qualified preparation of specialists. All disciplines are provided with necessary literature, electronic methodical complexes. Teaching staff have rich practical experience of work.

BELARUSIAN NATIONAL TECHNICAL

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(chief of Department)

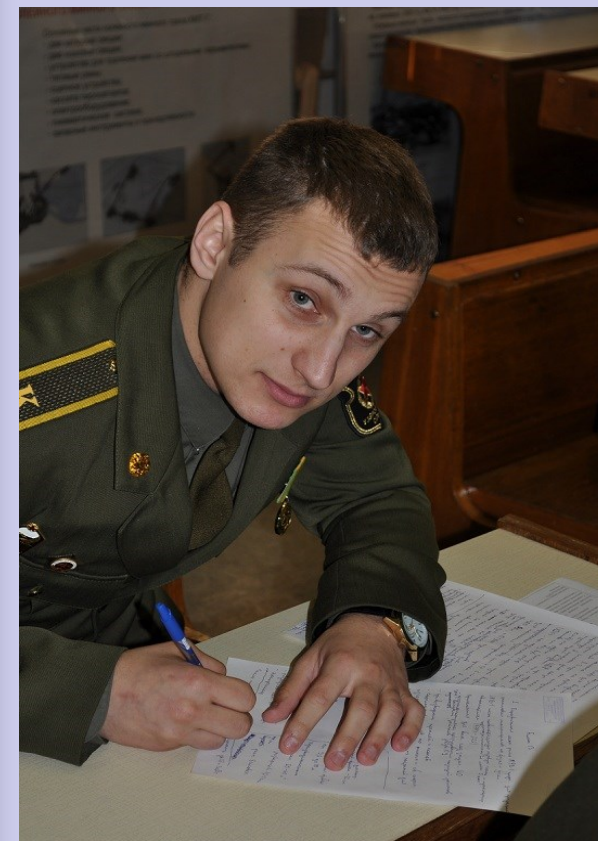


BELARUSIAN NATIONAL TECHNICAL
UNIVERSITY

The Department of Military Engineering



How to become a military engineer



tel.: (017)293-91-90



Specialty: 1-36 11 01 «Lifting-and-shifting, building and road machines and equipment» ;

Specialization: 1-36 11 01 – 04 «Lifting-and-shifting building and road machines and equipment (management of engineer units)



About specialty

A **military engineer** (also called *army engineer*, *combat engineer* or *sapper* in many armies) is a soldier who performs a variety of tasks such as:

- ◆ The reconnaissance of enemy terrain.
- ◆ Constructing and breaching trenches, tank traps and other fortifications; the creation of obstacles and barriers.
- ◆ Construction, reconstruction and maintenance of roads and bridges, pipelines; the maintenance of inland waterways.
- ◆ Design and construction of flood protection systems.
- ◆ Laying or clearing mines.
- ◆ Topographic, mapping, and geodetic services.
- ◆ Demolitions.
- ◆ Camouflage.
- ◆ Engineer supply and maintenance of engineer equipment.

More generally, the combat engineer's goals involve facilitating movement and support of friendly forces while impeding the enemy.



This profession suits people with engineering thinking as it demands the deep concentration of attention, logical thinking and self-organization.

The term of training of regular officers is 4 years.

General professional knowledge

Information technologies, combustible and lubricating materials, theoretical mechanics, resistance of materials, theory of mechanisms and parts of machines, foreign languages; etc.

Special military knowledge

Marching drill, tactics, firing practice, management of units in peace time, ideological work, etc. While training the focus is made on practical skills.



**Training is 30-36 hours per week
Independent work is obligatory for or training the cadets .**

Military professional knowledge



Combat engineering vehicles, Demolition, Fortifications and camouflage, Engineering support of troops, Military bridges, roads and river crossings, Mining and demining, Field water-supply, etc.

In the course of studies the cadets have field training where they work with

different types of modern combat engineering vehicles and equipment .

Research activity

The most active cadets who have excellent results in studies, research work and military discipline get the Diploma of scientific work signed by the head of the BNTU . These graduates can get postgraduate education in BNTU magistracy.

Living conditions

Accommodation is in the hostel of BNTU. 3-4 cadets share a room. good for study, rest, social life and sporting events; modern service establishments are at the disposal of cadets.



3 meals a day - in the mess of BNTU in a special hall for cadets. Material support (uniform, etc.) is given to cadets according to the existing norms.



After graduating and passing the final exams, in accordance with the educational standard, the graduate is awarded the qualification of "mechanical Engineer, specialist in management» and the first officer rank "Lieutenant" is commissioned.

