

#### MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

### NATIONAL TECHNICAL UNIVERSITY "KHARKOV POLYTECHNIC INSTITUTE"

## Institution "ELECTRIC POWER ENGINEERING, ELECTRONICS AND ELECTROMECHANICS"

**Department of «ELECTRICAL MACHINES»** 

Profession – electromechanical engineering







Specialty – 141. «Electrical engineering, electric power engineering and electromechanics» Specialization «ELECTRICAL MACHINES»

<u>Kharkov</u> - the exclusive center of electrical engineering in Ukraine and Eastern Europe.

#### NTU "KhPI"



#### Students NTU "KPI" will receive:

- high professional training and specialization;
- the ability to military training on its own military department;
- to choose a favorite sport that you can practice, including swimming pool;
- State Diploma of Higher Education Institutions of 4th (highest) level of accreditation, which will allow you to find a job in Ukraine, CIS countries and far abroad.

#### You can always show yourself in the student sports life









### **Dormitory**









- comfortable 4-bedded rooms with bathroom and shower
- plastic windows
- beds with orthopedic mattresses
- lounges, a reading room and a gym
- the price up to 540 UAH / month



## Scientific and technical library of NTU "KhPI"

Modern library with Wi-Fi access and a wide catalog of digital and paper-based resources - is the key to your success in <u>understanding</u> of new disciplines.









#### DEPARTMENT OF ELECTRICAL MACHINES TODAY



Large machine room with laboratory stands



Classrooms



Computer classrooms for training our students

#### STUDENTS SCIENTIFIC WORK

The freedly and experienced team of student teachers always help you on your way to success!



On the way to the goal of getting a master's degree



The conferences



At the presentation of awards



At practice



Defending diploma

#### AREAS OF STUDYING:

#### Turbo- and hydro generators at the power plants

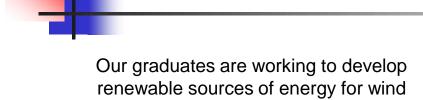


Our graduates produce, install, provide operation and maintenance of electrical equipment of NPP, TPP, HPP and PSPP.





#### Wind power stations





and solar power.





## Electric cars and equipment gas and oil pumping systems







Electric car - the car on electricity: the cost of 1 km of running is about 2-3 UAH-cents (0.02 - 0.03 UAH).

Pumps for transfer of the oil in ITT GOULDS

**Experienced mentors** spend the excursions on a state-owned enterprises of **Kharkov** and demonstrate the production and operation of large and small **electrical machines** 







Turbine generators, transformers and motors - only a small part of our country's industry







#### Areas of use of electrical machines: and that's not all ...





Induction motors - the driving force of the pump stations



The motor-wheel electric bicycles



Induction motor for trolley buses



Electric motors for trams

# OUR **Students** learn very **fast, fun** and with a big **interest**!













# We wish you good luck !!! See you soon ©

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