

Харківський Національний Автомобільно-Дорожній Університет



Kharkiv National Automobile and Highway University
U K R A I N E



UKRAINE

Kharkiv National Automobile and Highway University -

the oldest higher school in Ukraine, which prepares highly-qualified specialists who are always in great demand in all countries of the world to work in the field of motor transport and road construction.

Currently, the University has eight faculties, namely: Automobile, Road Construction, Mechanical, Business and Management, Transportation Systems, Foreign Citizens Training, Correspondence and Distance Learning, Advanced Training and Retraining, where 10 000 full-time and extramural students, including about 1 000 foreigners from more than 30 countries of the world are trained.



The University employs over 500 highly-qualified experienced teachers and scientists, including Honoured Workers of Science and Technology of Ukraine, Laureates of the State Prize of Ukraine, Academicians and Members of Transport Academy of Ukraine, Doctors and Candidates of Engineering Sciences, Professors and Associate Professors.

In 2001 according to the Decree of the President of Ukraine the University was awarded the status of “NATIONAL” for the high achievements in scientific and pedagogical activities.

At present, the educational activities of the University include:

- **Bachelor’s degree programme (21 specialities);**
- **Master’s degree programme (17 specialities);**
- **preparation of postgraduate and doctoral students (10 scientific fields).**

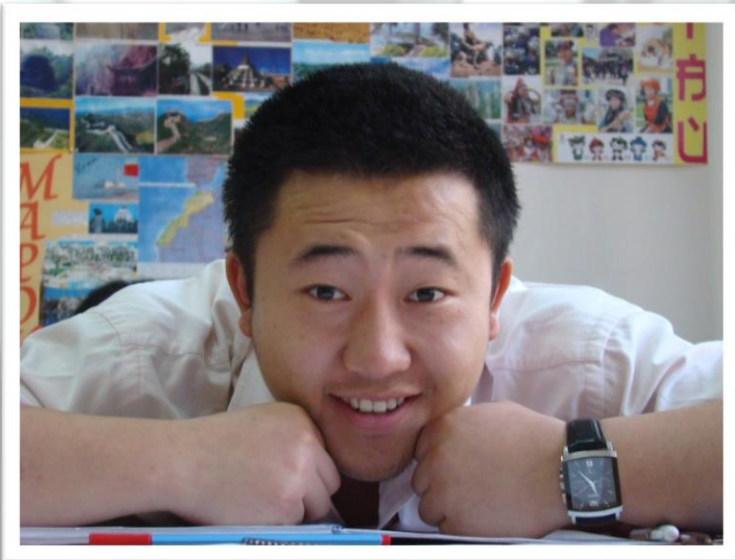
All specialities of the University are accredited by the Ministry of Education and Science of Ukraine, they are always topical and in demand at the labour markets of all countries around the world.





**University invites you to
study and guarantees the
high quality of training.
And here is why!!!**

- **KhNAHU was founded in far 1930 and it is famous for its scientific schools, outstanding scientists, highly-qualified teaching staff and educational traditions.**
- **The University operates under the state form of ownership and it has the highest level of accreditation in the system of the Ministry of Education and Science of Ukraine.**
- **Diplomas of the University are recognized in more than 100 countries worldwide.**
- **During the time of its scientific and pedagogical activities the University has trained about 70 thousand specialists, bachelors and masters, 3 thousand of them have been prepared for foreign countries.**



- **KhNAHU has a high international rating, it participates in international projects and programmes. Within the framework of the signed bilateral agreements, the University cooperates with 65 foreign partners in the field of education and scientific research.**
- **Scientists, teachers and students of KhNAHU have been constantly participating in European and international programmes such as TEMPUS, ERASMUS, FULBRIGHT, DAAD as well as attending foreign universities to study, conduct joint researches, give lectures, undertake internships and advanced training.**
- **The University has developed specially adapted methodical materials for foreign students (lecture notes, methodical recommendations for making the individual tasks, course and diploma projects) that contribute to increasing the efficiency of their independent work as well as the quality of professional training.**
- **The University is a strategic partner of the American company Autodesk through the regular participation and victories of KhNAHU's student team in international competitions on computer simulation that are held by the company.**



- The German-Ukrainian Centre has been established and is now functioning successfully in the University. Ukrainian and foreign students study the German and English languages as well as get acquainted with the culture, history and traditions of Germany there. In addition, consultations, training and master classes for students are constantly held at the center, after which they can travel abroad and participate in international programmes and projects, internships, competitions, conferences in Germany and other European countries.



- Special attention is paid to computer training of foreign students, which is conducted in 60 computer classes of the University. The special-purpose educational portal has been created and all methodical and scientific materials on disciplines of studies are stored in electronic form there. Modern software products (Autocad, Mathlab, INVENTOR, VISSUM, etc.) are widely used in engineering calculations.
- Centres for practical training of students have been created in the University and they are now functioning successfully on the basis of modern equipment of the world's most famous companies, namely American – HAAS, German – BOSCH, KREDO-Centre, which is used for automated design of roads and highways, etc.
- The student body of KhNAHU, including foreign citizens can take part in double diploma programmes with leading European (Polish, Swiss) universities.



BOSCH

- **University teaching staff trains foreign students in a well-wishing atmosphere of professionalism, understanding, exactingness and objectivity in knowledge evaluation, teachers help students to study difficult material, conduct extra-classes and consultations.**
- **While studying at the University, foreign students are actively involved in scientific research work, participate in students' scientific conferences, competitions, Olympiads, and write scientific articles. According to the achievements students are awarded with certificates for good work and diplomas.**



- In the course of their studies, foreign students can carry out real course and diploma projects using the source data of their native countries for the calculations.
- The University has the best preparatory faculty for the language training of foreign citizens. Modern educational, multimedia and interactive technologies as well as original computer training and monitoring programs have been developed and widely used here.
- The Laboratory of Racing Cars that has been operating at the University for more than 50 years is used by students for practical application of theoretical knowledge obtained in classrooms and creating unique models of record-breaking cars by their own hands as well as taking part in national and international sports competitions (2010-2016 SCHELL Eco-marathon, Formula E8, etc.).



- The University provides foreign students with a lot of interesting leisure-time activities. They are actively involved in amateur talent contests, sports competitions and other cultural events.
- For the duration of foreign citizen's training, the University maintains contacts with the parents who can be provided with the information on study and living conditions of their children.
- The University academic buildings and students dormitories are located in the centre of the city.





***The most in-demand
specialities of university
and places of employment
for graduates***



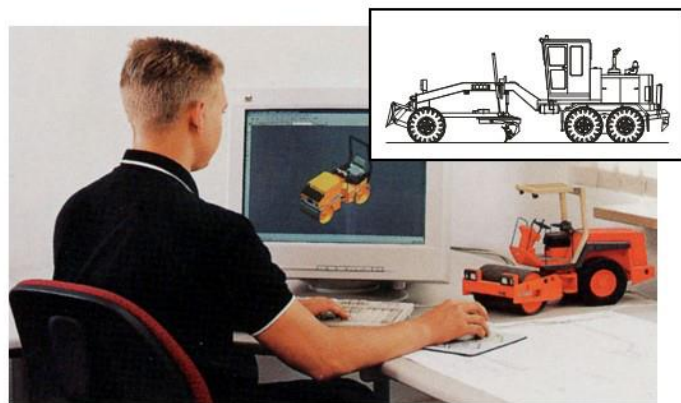
Machine-Building Enterprises



Road Construction Enterprises



Laboratories, Product Certification Centres



Design Office

Engineering Mechanics



Teaching at Lyceums and Colleges



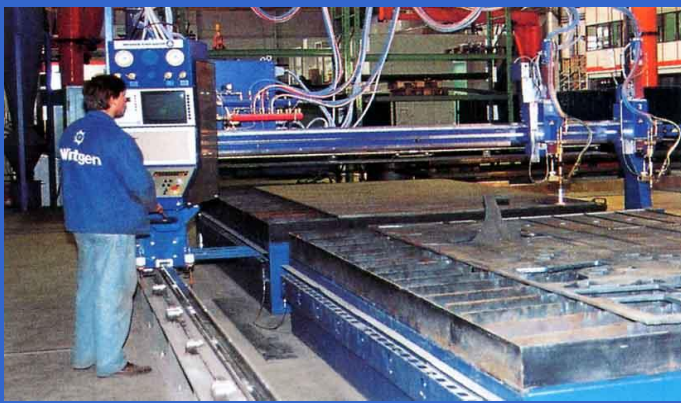
Construction Companies



Institutes of Scientific Research



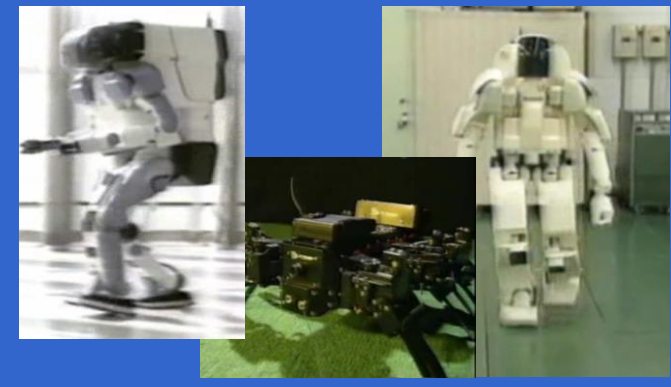
Vocational Training Centres



Manufacturing and Process Management



Computer Aided Design Systems



Intelligent and Robotic Systems



Organization and Regulation of Road Traffic

Automation of Technological Processes

Development, Implementation, Monitoring and Control of Automated Technological Processes in:

- Power Engineering;
- Agriculture
- Oil and Gas Industry
- Medicine
- Trade
- Transportation Industry
- Municipal Engineering



Automated Control Systems in Ecology



Computer Detection of Road Condition



Enterprises Manufacturing Metallic and Non-Metallic Products



Obtaining Nanomaterials in Research and Development Centres



Enterprises in the Oil and Gas Extraction Industry



Aviation Industry Enterprises



Teaching at Colleges, Lyceums and Vocational Centres

Materials Science



Innovative Knowledge-Intensive Companies



Expert Assessment of Catastrophe Risk



Research and Development Centres



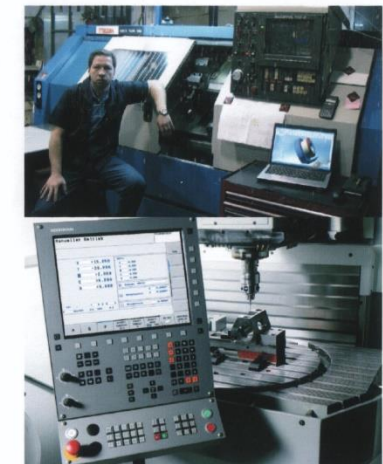
Metallurgical Industry Enterprises



Chemical Industry Enterprises



Automotive Industry Enterprises



Programming Processes of Manufacturing Components Using CNC



Web Design



Programmer



System Administrator



Mobile Application Developer

Computer Sciences and Software Engineering



Developer of Computer Games



Database Administrator



IT Project Manager



Systems Analyst

Engineering



quality control of the production,
certification tests,
standardization of the production.

Smart house

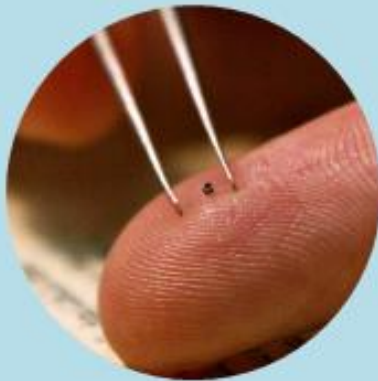


Road construction

geodesic measurements,
quality control of the
road surfaces,
diagnosis of the
road-building equipment.



Nanomeasuring



Metrology and information-measuring technology

Medicine

monitoring and
maintenance
of the medical
equipment,
medical
diagnostics.



Agriculture



quality
control of
the agricultural products, diagnosis
of the agricultural equipment, ensuring
and monitoring of indoor climate.

Oil and gas industry

monitoring and diagnostics of
the drilling rigs and pipelines,
control of drilling,
ensuring of the operating
personnel safety.



Customs

epidemiological
control,
identification
of the goods,
control of the
security systems.



Welcome to Kharkiv National Automobile and Highway University!

MECHANICAL FACULTY

Contacts

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Official page in Facebook

<https://www.facebook.com/mechanical.faculty>