



AVIATOR

NEWSPAPER OF NATIONAL AVIATION UNIVERSITY

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WELCOME
TO

NAU

05 (14523)

2019

WELCOME *to* NATIONAL AVIATION UNIVERSITY



Dear friends,
We invite you to study at National Aviation University, to join over 23,000 students who have already become part of it, with 1,352 foreign nationals from 55 countries among them.

The list of specialties offered covers practically all branches of education, both aviation-related and those in the other fields. The university trains future pilots, unmanned aerial vehicle operators, ground-handling aircraft technicians and aviation engineers, air traffic controllers and engineers, aircraft equipment, avionics and radio electronics specialists, designers of modern airports, buildings and roads, airport service professionals, managers in aviation transportation and logistics, specialists in cyber defense and system diagnostics, environmentalists, economists, lawyers, psychologists, physicians, and specialists in other areas. Our university has the world's only educational hangar, a training aerodrome, and a ground service equipment ground, simulator facilities, a training and scientific aerodynamic complex based on the TAD-2 subsonic aerodynamic tube.

The main competitive advantage of our university in the world educational market is the aviation component. Most foreign students primarily choose aviation-related specialties. The retraining and advanced training of civil aviation leaders is also a key to the perception of the university as a world-renowned aviation educational center.

Among our achievements is the creation of a NAU-based International Pilot Training Center for civil aviation of Ukraine and the EU. We plan to invest in the acquisition of the necessary equipment, in particular, of two FNTPII-class flight simulators, eight K-10 aircraft, four Cessna 172 planes, eight Tecnam P2008 aircraft, four Tecnam P2006 aircraft. We also plan to reconstruct and upgrade the existing four L410 UVP-E planes, overhaul an artificial runway equipped with the light-signal system at the aerodrome of NAU Flight Academy in Kropyvnytsky. The Center should fully cover the demand of air carriers from Ukraine, partly of those from the EU, Africa, and Middle East in highly skilled pilots.

At the Aviation University Forum held on the sidelines of the ICAO Second World Summit, we signed the Agreement on the Establishment of the International Association of Aviation and Aerospace Education (ALICANTO). Together with NAU, the agreement was signed by representatives of the leading aviation universities from Australia, Belarus, the United Kingdom,

Venezuela, Georgia, Germany, Italy, Canada, China, South Korea, South Africa, Poland, Russia, Romania, Singapore, Slovakia, the USA, Turkey, France, and Czech Republic.

For the first time, our university represents Ukraine in ICAO's governing and expert bodies: Professor Galina Suslova has been elected for a two-year term Chair of the Board of Directors of the European / North Atlantic Aviation Security Training Center, while Professor Oleksandr Zaporozhets became member of the ICAO Committee on Aviation Environmental Protection.

In the next 20 years, global civil aviation will require around half a million pilots, 100,000 air traffic controllers, one million cabin crew and more than half a million technical personnel for aircraft maintenance. National Aviation University is actively expanding its segment in the international education market. The NAU diploma has been and remains a calling card of quality and professionalism, and is recognized as competitive in many countries.

Rector Vladimir Isaenko



We invite you to study at National Aviation University top achieve academic degrees "Bachelor", "Master" and the scientific and educational degree of Doctor of Philosophy. Foreign nationals who don't speak the language of instruction (Ukrainian, Russian or English) are enrolled in the preparatory department. For more information and to receive the "Invitation to Study", please contact NAU Center for International Education: deanfsf@nau.edu.ua.



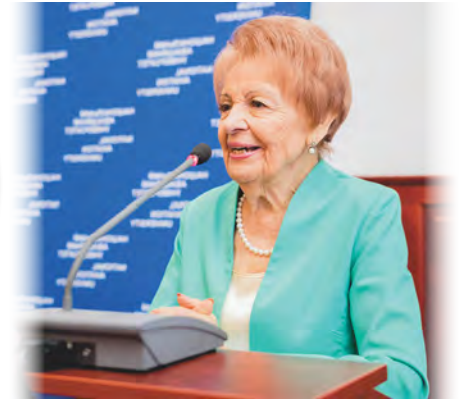
The name of the ICAO NAU Training Institute is linked to the International Civil Aviation Organization (ICAO), which was established in 1944 to ensure the effective development of the global air transportation system and to develop the basics of aviation safety regulation.

Taking into account the high international authority of National Aviation University, in 1996, the European Regional Training Center for Aviation Safety was opened at the University. The positive experience gained by the Center was the basis for the opening in 2002 at the University of the European Regional Training Center for the Training of ICAO State Aircraft Safety and Airworthiness Inspectors. Subsequently, national centers operating under the ICAO methodology were opened. Training at the centers is conducted in certified English and Russian, both official languages of ICAO.

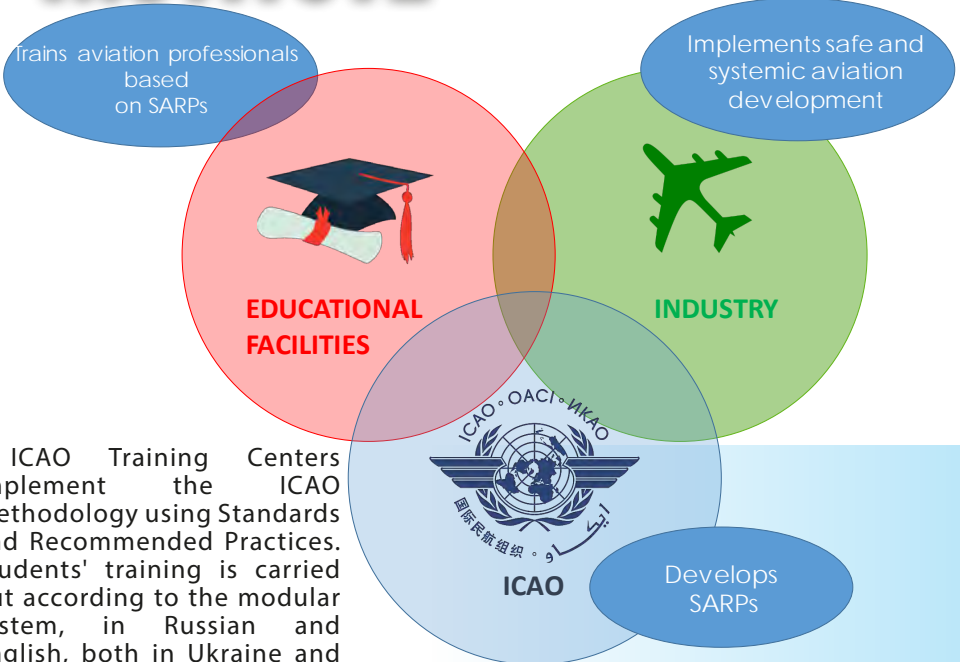
To ensure coordination of the training of aviation safety professionals, in 2003, National Aviation University created ICAO Training Institute. Professor, ICAO expert Galina Suslova has been appointed director of ICAO NAU Training Institute.

Since 2003, nearly 19,000 employees of various aviation administrations, aviation enterprises, airports, aviation enterprises, air clubs, and aviation-related educational institutions from Ukraine and 77 other countries have been trained and retrained in ICAO Institute's educational centers. In 2018, more than 1,400 aviation professionals from 34 countries were awarded International Certificates.

ACTIVITIES of the ICAO NAU TRAINING INSTITUTE



The Aviation English Language Training Center trains and tests crew members, as well as prepares raters and examiners in aviation-related English.



ICAO Training Centers implement the ICAO methodology using Standards and Recommended Practices. Students' training is carried out according to the modular system, in Russian and English, both in Ukraine and in other countries. Classes are led by highly skilled instructors, certified by ICAO, all experienced experts.

In addition to the training courses, the Institute provides English-to-Russian translation of official ICAO documents.

ICAO NAU Training Institute is a certified member of the Network of Educational Institutions of the European Conference on Civil Aviation. Through the initiative of the ICAO NAU Training Institute, educational facilities became strategic elements of aviation safety. Thus, we can speak of trilateral cooperation: ICAO – educational facilities – aviation industry.



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The NAU

At the NAU International Alumni Forum in October last year, representatives from 17 countries (Benin, Great Britain, Guinea, Georgia, Egypt, India, Iraq, China, Morocco, Nicaragua, Poland, Sudan, Turkmenistan, Turkey, Hungary, Sweden, and Sri Lanka) created the NAU Alumni Association. President of the Council of the International Civil Aviation Organization (ICAO), our university graduate Dr. Olumuyiwa Benard Aliu, was elected Honorary President of the Association.

"Every day, while fulfilling my responsibilities, I am engaged in international cooperation, a symbol of international transport progress. And I can reaffirm that National Aviation University played a crucial role in shaping my values and gave me a host of important lessons that influenced my success. I will always be



Celebrations of the 56th anniversary of the establishment of the Organization of African Unity, organized by the African Council in Ukraine, have traditionally been held at NAU.

Among the attendees were a number of high-profile guests, including Charge d'Affaires of the Republic of South Africa in Ukraine Ms. Nomondy Mjollo, Ambassador Extraordinary and Plenipotentiary of the Republic of the Sudan to Ukraine Mr. Mohamed Eisa

Ismail Dahab, Honorary Consul of the Republic of Guinea in Ukraine Ramin Mansuriyan, First Secretary of the Embassy of the Kingdom of Morocco in Ukraine Abden Krim Wiley, Leader of the Ethiopian Community in Ukraine Yirgu Diagen Gambare, Representative of the Office of the United Nations High Commissioner for Refugees in Ukraine Pablo Mateu, Charge d'Affaires of the Federal Republic of Nigeria in Ukraine Mr. Martin Senkom Adamu, Secretary of the African Council in Ukraine Teodorina Kamis-Vavryk, and others.

Welcoming the guests, Vice-rector for International Cooperation and Education Oleksandr Zaporozhets, noted that "thousands of representatives of the African continent have received their education in NAU. Many of them hold high positions in the aviation industry around the world. Today, more than 300 representatives of the

African continent are studying at the university and we are counting on a significant increase in their number".

Issao Sadio Diallo, President of the African Council in Ukraine, spoke about his organization's history and the prospects for the development of cooperation between Ukraine and Africa in the educational sector, in particular by National Aviation University.

Later the same day, students from the Democratic Republic of the Congo presented their dance show at a gig to honor the anniversary, followed by a performance by Berezanochka and Tumaini ensemble, Ksenia Eltuhi and Balakosta Armando, and others.

"AFRICAN UNITY" unites NAU's friends

ALUMNI ASSOCIATION



proud to serve this educational institution as the most inspirational ambassador and representative, enhancing its achievements and bringing my share into the development of knowledge, science, practice and art of civil aviation", noted the Honorary president of the Association.



LATIN AMERICA DAY AT NAU



NAU on May 30 hosted celebrations of Latin America Day with the support of the Latin American Association NGO.

Honorary Consul of Bolivia in Ukraine Jose Vladimir, Special Attache on Economic and Trade Issues of the Republic of Peru in Ukraine Juan Olivas Cornejo, President of the Latin American Association Public Organization Escobar Javier Bismarck, and President of the Cuban Association in Ukraine Reynaldo Powell attended the event.

Rector Volodymyr Isaienko greeted honorable guests, noting the need to expand scientific and educational ties with the countries of Latin America.



In his address, Juan Olivas Cornejo, a graduate of the Kyiv Civil Aviation Engineers Institute, suggested restoring relations between the ministries of education of the two countries, Ukraine and Peru, and signing an agreement on cooperation.

For a significant personal contribution to the development of international cooperation of the NAU, Juan Olivas Cornejo was awarded with the medal "National Aviation University".



As part of the celebration, dancers from a number of clubs representing Salsa, Cumbria and Zumba schools performed for the guests along with musicians who presented famous Latin-American pieces, including reggaeton songs. A souvenir and Latin American cuisine fair was also held at the event.



AEROSPACE FACULTY

aki.nau.edu.ua

Applied Physics and Nano materials (+)

- *Applied Physics*

Aviation and Aerospace Technologies (+)

- *Airplanes and Helicopters*
- ***Aircraft Equipment*** *
- *Composite materials and Constructions (N)*

Power Engineering, electro-engineering and electromechanics (+)

- *Energy Management*
- *Electric power consumption systems*
- *Lighting and light sources*
- *Computerized control systems of production and distribution of electric power*

Power Machinery (+)

- ***Gas Turbine Plants and Compressor Stations*** *
- *Design of mechanotronic systems of alternative energy sources (N)*
- *Aircraft Engines and Energy Installations (N)*
- *Automobile gas-filling compressor stations (N)*

Automation and computer-integrated technologies (+)

- ***Automatics and automation on transport*** *
- *Computer-integrated technologies and control systems on aviation transport*

Metrology and information-measuring equipment (+)

- *Information measuring systems*

Aviation Transport

(272.01 Aviation Transport) (+)

- ***Maintenance and Repair of Aircraft and Aircraft Engines*** *
- ***Airport Technologies and Technological Equipment*** * (M)
- *Aviation Constructions Engineering (N)*

Aviation Transport (272.02 Flight Operation of Aircraft)

- *Aircraft Flight Operation*

INSTITUTE OF CONTINUING EDUCATION

ino.nau.edu.ua

Public Management and Administration

- *Public Management Administration*

FACULTY OF AIR NAVIGATION, ELECTRONICS AND TELECOMMUNICATIONS

ian.nau.edu.ua

Automation and Computer- Integrated Technologies (+)

- ***Computer-aided Control Systems and Automatics*** *
- ***Computer-Integrated Technological Processes of Production*** *
- *Information Technologies and Aviation Computer Systems Engineering (N)*

Micro-and nano system engineering (+)

- ***Micro-and nanoelectronics*** *
- *Software and hardware cryptographic protection of unmanned aerospace systems*
- *Robotics and Computer Nanosystems*

Telecommunications and Radio Engineering (+)

- *Computerized Radioelectronic Devices for Security Providing*
- *Computer Integrated Radioinformational Systems and Technologies*
- ***Telecommunication Systems and Networks*** *
- *Software and Hardware Information Security Systems in Telecommunication (N)*

Avionics (+)

- ***Flight Instruments and Navigation Systems*** *
- ***Computer design of avionics*** * (N)
- *Logistic and informational support for the maintenance of aircraft*

Aviation Transport (272.01 Aviation Transport) (+)

- *Unmanned Aerial Systems (N)*
- ***Air Traffic Service*** *
- ***Systems of Air Navigation Service*** *

Electronics (+)

- *Internet of Things' Electronic Technologies (IoT) (N)*
- ***Electronic Systems*** *
- *Electronic Instruments and Devices (+)*
- *Computerized means of monitoring the use of the radio frequency resource*

Information Systems and Technologies

- *Information Technologies in Aerospace Control Systems*

FACULTY OF ARCHITECTURE, CONSTRUCTION AND DESIGN

iap.nau.edu.ua

Design

- *Design*

Architecture and Urban Development

- *Design of Architectural Environment*

Construction and Civil Engineering (+)

- ***Industrial and Civil Construction*** * (M)
- *Auto-roads and Aerodromes (M)*

LIST OF SPECIALITIES AND EDUCATIONAL PROFESSIONAL PROGRAMS 20

FACULTY OF ENVIRONMENTAL SAFETY, ENGINEERING AND TECHNOLOGIES

ies.nau.edu.ua

Environmental Studies (+)

- ***Ecology and Environmental Protection*** *

Chemical Technologies and Engineering (+)

- *Chemical Technologies of Fuels and Carbon Materials*
- *Chemical Technologies of Macro Molecular Compounds*
- *Chemical Technologies of Alternative Energy Sources (N)*

Biotechnologies and Bioengineering (+)

- ***Pharmaceutical Biotechnology*** *
- *Environmental Biotechnology and Bioenergy*

Biomedical Engineering (+)

- *Biomedical Engineering*

Telecommunications and Radio Engineering (+)

- *Biotechnical and Medical Devices and Systems*

Geodesy and Land Management (+)

- *Land Management and Cadastre*
- *Geoinformation System and Technologies*

Civil Defense (+)

- *Civil Defense (M)*
- *Protection of Objects of Critical Infrastructure*

FOR ADMISSION AND STUDY ON BACHELOR DEGREE

(FULL-TIME
STUDY)
19

FACULTY OF ECONOMICS AND BUSINESS ADMINISTRATION feba.nau.edu.ua

- Economics**
- Economic Cybernetics
 - International Economics
 - Business Economics
 - Digital Economics
 - Economics of Air Transport

- Accounting and Taxation**
- Accounting and Auditing

- Finance, Banking
and Insurance**
- Finance and Credit

- Marketing**
- **Marketing** *
 - E-marketing (N)

- Entrepreneurship, Trade
and Stock-taking Activities**
- Entrepreneurship in Aviation
 - Customs and Stock Business (N)
 - Entrepreneurship and Business Technologies (N)

FACULTY OF CYBERSECURITY, COMPUTER AND SOFTWARE ENGINEERING icit.nau.edu.ua

- Applied Mathematics**
- Applied Mathematics
 - Applied Software (N)

- Software Engineering**
- **Software Engineering** *

- Computer Science**
- Information Control Systems and Technologies
 - Information Technologies of Design

- Computer Engineering**
- **Computer Systems and Networks** *
 - System Programming

- Cybersecurity**
- Security of Information and Communication Systems
 - Information Security Management (N)
 - **Cybersecurity Systems and Technologies** * (N)
 - Systems of Technical Protection of Information, Automation of its Processing
 - Cybernetic Systems of Video Surveillance and Access Control (N)
 - Cybersecurity Audit (N)

- Information Systems
and Technologies**
- Information Systems and Technologies

FACULTY OF LINGUISTICS AND SOCIAL COMMUNICATIONS gmi.nau.edu.ua

- Information, Library
and Archival studies**
- Documentation and Information Activity

- Social Work**
- Social Work

- Sociology**
- Sociology
 - Sociological Examination of Social and Political Processes (N)

- Philology
(035.041 German Languages and
Literature (translation included))**
- German Languages and Literature (translation included)

- Psychology**
- Psychology
 - Practical Psychology
 - Business Psychology

- Politology**
- Politology

FACULTY OF INTERNATIONAL RELATIONS imv.nau.edu.ua

- International Relations,
Public Communications
and Regional Studios**
- International Information
 - International Relations (N)

- Tourism**
- Tourism Science

- International Economic Relations**
- International Economic Relations
 - International Business

- Journalism**
- Journalism
 - Advertising and Public Relations

- International Law**
- International Law

- Publishing and Printing (+)**
- Technologies of Electronic Multimedia Editions

FACULTY OF TRANSPORT, MANAGEMENT AND LOGISTICS ftt.nau.edu.ua

- Management**
- Management of Organizations and Administration (by Types of Economic Activity)
 - **Logistics** *
 - Aviation Logistics
 - **Management of Foreign Economic Activity** *

- Transport Technologies
(275.04 Air Transport
Technologies) (+)**
- **Air Transportation Management** * (M)
 - Aerial Works and Services Management
 - Automation of Aerial Works and Services (N)
 - **Multimodal Transport and Logistics** * (N)
 - Air Transport Systems

FACULTY OF LAW law.nau.edu.ua

- Law**
- **Jurisprudence** *
 - Legal Support of Customs Activity

- Law Enforcement Activity**
- Law Enforcement Activity

Study on educational professional programs marked as (*) is done both in Ukrainian and English languages
Educational professional programs marked as (N) are non-accredited
Preparation on educational professional programs marked as (M) is valid both for civilian and military specialists
Specialities with special support are marked as (+)

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KOBZAR INTERNATIONAL

Team NAU wins
International Competition
"Taras Shevchenko unites peoples".

Students of the preparatory department at the Center for International Education of NAU Institute for International Cooperation and Education secured two 2nd degree diplomas and a collective diploma at the international competition-project "Taras Shevchenko unites the peoples".

The contest was set up and held at a grand assembly hall of Kyiv National Taras Shevchenko University by People's Artist of Ukraine Halyna Yablonska.

Led by curator and Associate Professor of the department of philology and natural sciences Natalia Flegotova, the students taking part in the project were Ansumana Robert S (Liberia), Manal Bouhtitch (Morocco), Motaraf Moumen (Morocco), Rosero Hurtado Alexis Patricio (Ecuador), Samadov Hakim Badir Oglu (Azerbaijan), Fallah Zadeh Shiva (Iran), Anih Benedict Ositadinma (Nigeria), Wang Zongxiang (China), Choi Gyu-Ran (South Korea), Olmesek Baris (Turkey), and Batur Berk (Turkey).

Students of NAU's preparatory department visited the National Taras Shevchenko Museum in Kaniv, laid flowers to the monument to Kobzar on Mount Taras. They also performed in front of the audience along with acclaimed Ukrainian cultural figures: People's Artist of Ukraine Halyna Yablonska, Honored Artist of Ukraine Oles Kharchenko, Honored Artist of Ukraine Ivan Orlyuk, as well as professional and amateur bands.

Halyna Yablonska invited the winners to attend her show at the Ivan Franko National Academic Drama Theater. After the show, students from Morocco, Nigeria, Liberia, Ecuador, Congo, and China were given the opportunity to read out poems in Ukrainian and their native languages and perform songs by Taras Shevchenko.

AZERBAIJAN

CHINA

ECUADOR

IRAN

LIBERIA

MOROCCO

NIGERIA

SOUTH KOREA

TURKEY