



# AVIATOR

NEWSPAPER OF NATIONAL AVIATION UNIVERSITY

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*Welcome  
to  
NAU*

06 (14524)

2019

*Happy Knowledge Day and happy start of the new academic year!*

On September 1, all educational facilities open their doors, starting the count of another academic year – a period of new knowledge, new achievements and discoveries. For some, this will be the first step to a job they've been dreaming of and for some – a crucial step in acquiring a diploma.

May this year be inspiring and fruitful and may the unexplored scientific mysteries be finally revealed.

I want each student to find in their classrooms an answer to the questions concerning them, to meet wise and talented mentors who are ready to lead them to higher educational summits.

I'd like that every moment, our highly qualified pedagogical team notice in each student's eyes the reflection, the desire to reach out to the stars, overcome difficulties and obstacles, and the desire to always be on top.

My special greetings go to our freshmen. I wish you to become worthy members of a strong and friendly NAU family. Protect and increase the authority and achievements of our university, be proud of its success and supplement it with your victories in various Olympiads and competitions. Let your names be heard on pedestals across Ukraine and far beyond.

On this solemn day, please, remember those who took up arms to protect our freedom to teach and study. Be worthy of those who sacrificed their lives for the freedom and independence of our country.

I wish all of you good health, prosperity, happiness, perseverance and patience, wisdom and understanding, harmony and peace!

Sincerely,  
**Volodymyr ISAENKO**

# WELCOME TO NAU!

*Dear freshmen!*

This year, thanks to you, NAU is among Ukraine's TOP 10 higher educational facilities in terms of the number of applications submitted. A total of 22,324 applicants have applied to join our University this year. We outperformed Kharkiv's Karazin National University, Dnipro's Honchar National University, and many others.

National Aviation University is one of the most powerful aviation-related higher educational facilities in the world, with about 25,000 students enrolled, including nearly 1,500 foreigners from 55 countries.

The NAU Diploma has been and remains the hallmark of quality and professional excellence and is recognized as competitive in many countries.



The university includes five institutes, ten faculties, Department of Military Training, six colleges, two lyceums, and Flight Academy in Kropyvnytskyi. The Pearl of the University is one of the largest aviation training hangars in Europe. Also at NAU there is a training airfield and a field for aviation ground engineering, training complexes, educational and scientific aerodynamic complex based on a subsonic wind tunnel TAD-2. The campus consists of 11 dormitories, a canteen able to host up to 1,000 people, an Internet cafe, a student's Bistro, a health center, equipped with modern diagnostic and medical equipment, a disease prevention department, a culture and arts center with 1,500 seats, and a sports center.

Our gifted youths, our young scientists have been repeatedly noted by President of Ukraine, the Verkhovna Rada of Ukraine, the Committee on

State Prizes of Ukraine in Science and Technology, and many charity foundations.

The main competitive advantage of the university both in the Ukrainian and global educational markets is its aviation component. The university trains future pilots, unmanned aerial vehicle operators, groundhandlers for aviation equipment and aircraft engines, air traffic controllers and engineers, on-board equipment and avionics specialists, radio electronics experts, designers of modern airports, airfields, aviation and logistics experts, cybersecurity and systems diagnostics specialists, environmentalists, economists, lawyers, psychologists, physicians, and other specialists. Thanks to NAU's international collaboration with world's leading universities, our students are able to participate in internships and get dual diplomas.

# DIGITAL UNIVERSITY IS A PATH TO THE FUTURE



**G**lobal trends in the development of information technology are aimed at the transition to digital transformation, where all processes of social, educational, scientific, business, and other activities will take place in digital environment. Examples of digital transformation are virtual offices, e-currencies, online payments, digital services, and more.

Educational development requires digital transformation of higher educational facilities. Moreover, one of the main requirements of the Ministry of Education and Science of Ukraine for gaining the "national" status is creating a single digital space (SDS). Digital space is comprised of computer databases, software, and organizational infrastructure.

To form a digital space, our University administration initiated a program titled "National Aviation University – digital higher educational facility". The purpose of this program is to transform NAU into a technologically advanced facility, where all processes of information interactions are transferred into digital. This will increase the efficiency and quality of operations by saving time and effort to obtain complete, timely, accurate and reliable information needed for

management, training, research, international cooperation, economic work, etc.

The concept has been developed of digitalization program and provisions on a single information space, while key projects have been determined. All major processes will be automated. In particular, it's about studying processes, including through online technology, information support for academic and scientific work and international cooperation, document management, execution control, information support for management, planning and financial operations, university governance, etc. In the basis of such automation lays a single digital space that will contain all the documents necessary for the everyday routine. The implementation of this complex program will require diligence and will for self-improving and acquiring new knowledge.

The program is designed for two years. So let's move toward our goal gradually, step by step. In September, we will see the first results of NAU digitization. Let's keep in mind that this PROGRAM belongs to all of us. So let's bring it to life, together, for the sake of prosperity of our National Aviation University!

The following are the benefits of a digital university at NAU:

**1** The basis of digitalization are open (free) programs that will help implement the "thin client" technology – all functions will be performed on servers, while users will receive the data required. This will minimize technical requirements for users, enabling them to work even from their mobile devices.

**2** The concept of "project management" is applied. The creation of new digitization tools will be implemented through initiating, planning, budgeting, and controlling the implementation of individual projects aimed at a concrete result. Its basis is personal responsibility for both performing individual tasks as well as the ultimate result.

**3** An information management system is being introduced that will create a single information space of the university through the integration of electronic document flow, digitalization of paperwork, execution control, and information support of management.

Vice-Rector

Yuriy TESLIA



The NAU delegation, headed by rector Volodymyr Isaienko, took part in the Third World Unmanned Aviation Congress (Shenzhen, PRC).

Within the framework of the Congress, agreements were signed: with the UAV Federation on the opening of the Federation's representation at NAU; with the People's Government of Shifan City, Sichuan province, -on joint activities in the field of aviation education; and with the leadership of the Shenzhen Representative Office of China Southern Airlines.

Negotiations were held with Hainan Airlines leadership; representatives of the Shenzhen branch of the Technology University of the city of Harbin; leadership of the Shenzhen Chamber of Commerce and Industry – on the creation of joint aviation programs based on the Shenzhen Technology University. Also, the NAU rector met with the president of the police academy of Langfang in Hubei province regarding joint training programs for UAV operators.

The NAU rector, together with other delegation heads, took part in the official opening ceremony of Shenzhen International UAV Expo-2019, where NAU presented its stand showcasing



developments by a Scientific and Production Center of Unmanned Aviation "Virazh".

Participation in the exhibition resulted the collaboration with representatives of the World Unmanned Aviation Federation. In particular, representatives of Australia were interested in the "Kubok" UAV produced by "Virage", the Netherlands – in video surveillance system, Thailand – in URBAN U-space infrastructure, the Philippines – in the use of the method of data recovery in UAV

operation, and Finland – in cybersecurity. Representatives of Belgium discussed joint training programs for UAV operators, and Turkey – joint training programs for 2x2 pilots, UAV operators, and engineers of aviation engines.

Following the participation in the Congress, National Aviation University, in the person of the rector of the NAU Volodymyr Isaienko, received an honorary award for a significant contribution to the development of unmanned aerial vehicles.

## AGREEMENT ON COOPERATION SIGNED WITH THE EUROPEAN PUBLIC LAW ORGANIZATION

Director of European Public Law Organization Spyridon Flogaitis has paid an official visit to the University. Following his meeting with Rector Volodymyr Isaienko, an Agreement was signed on cooperation in the field of science and education.

The agreement provides for a dual diploma program in European Law and Public Administration, training sessions for university staff and internships for students.

The University, represented by its rector, will be included in the Board of Directors of the European Public Law Organization. Also, the Faculty of International Relations of NAU will host the official representative office of this highly acclaimed international organization.

NAU Rector Volodymyr Isaienko at the invitation of Ambassador Extraordinary and Plenipotentiary of Peru to Ukraine Alberto Salas Barahona and Honorary Consul of Peru in Ukraine Igor Balenko attended the events on the occasion of the 198th anniversary of Independence of the Republic of Peru. In the framework of the celebrations, a photo exhibition was presented, titled "The Great Inca Trail".



## AGREEMENTS REACHED ON COOPERATION WITH PERU

During the event, the ambassador discussed with the NAU rector the development of scientific and educational relations between Ukraine and Peru. In particular, it was about the introduction of joint training programs for aviation industry professionals, the development of exchange programs for teachers and students.

Alberto Salas Barahona has emphasized that the Government of Peru aims to strengthen cooperation with Ukraine, "with which we have a common cultural heritage, common values, and complementary interests." Following the talks, an agreement was reached to promote cooperation between NAU and Peru universities.

Attaché on economic and trade issues Juan Olivas Cornejo will be responsible for the area of cooperation between National Aviation University and the Republic of Peru. Mr Cornejo is a NAU alumnus.

The NAU Rector took part in the La Bourget 2019 International Aerospace Show as part of Ukraine's official delegation.

Volodymyr Isaienko met with representatives of ALSIM (France), a well-known manufacturer of aviation simulators. The parties discussed the possibility of acquiring simulators for the NAU International Pilot Training Center. A meeting has also been held with Alexis Mirabeau, Europe/Eurasia's Sales Director at THALES, producer of information systems for aerospace, military, and maritime operations.

Negotiations have been held with Pierre Lahourcade, Director of International Relations and Development at National School of Civil Aviation (Toulouse, France) regarding joint training programs for aviation professionals.

NAU Rector Volodymyr Isaienko and Director of Engineering and Design Company "Progrestech-Ukraine" Andriy Fialkovsky have signed an Agreement on cooperation in the field of aviation professionals training. The parties have agreed to start a program of professional development of NAU students, which will allow strengthening the practical



# LA BOURGET 2019

component of training by involving in the educational process the leading specialists of Progrestech-Ukraine. In addition, joint retraining programs will be launched for university teaching staff, applying the company's engineering competencies.

## VISIT TO INTERNATIONAL UNIVERSITY OF LOGISTICS AND TRANSPORT IN WROCLAW

The NAU delegation, led by Rector Volodymyr Isaienko, visited International University of Logistics and Transport (MWSLIT) in Wroclaw (Poland).

During the visit, NAU delegates held talks with MWSLIT President Janusz Paweska, Rector Martin Paweska, Director of Education and Retraining at CILT (UK) David Jordan, and General Manager of Wroclaw-based Aircraft Maintenance Service with Ryanair Barbra Kasznikowska, scientific collaboration and student employment.

The NAU delegation also participated in the International Scientific Conference "Logistics of the Future", which discussed the opening of new innovative classes in logistics with scientists from the United Kingdom, Gabon, Lesotho, Slovakia, the United States, Poland, France, and Czech Republic.



## MEETING WITH REPRESENTATIVES OF "AIRBUS HELICOPTERS"

NAU representatives, led by Rector Volodymyr Isaienko, have met with the delegation Airbus Helicopters (France) to discuss opportunities for further cooperation.

Airbus Helicopters' delegation included vice president for innovation and research Tomasz Krynski, Vice President – Head of Eastern Europe and CIS Michael Peru, Vice President for Eastern Europe Jacques Garrigue, Business Development Director for the Baltics and Central Europe Lucas Garbera, sales manager for Western Europe Baudoin Marraut de Grottes, Attaché

of the French Embassy in Ukraine on Scientific issues and University Co-operation Sylvain Rigole.

Vice President – Head of Eastern Europe and CIS Michael Peru told about the Company and recalled the recent acquisition by the Ukraine government of batch of their helicopters. Now, the company is planning to set up in Ukraine a modern helicopter service center and attract Ukrainian experts.

Following the meeting, Vice-President for Innovation and Research, Tomasz Krynski, delivered a lecture for NAU students.

The aviation security system management of the State Aviation Service of Ukraine together with NAU's ICAO Institute held a meeting titled "Methodology of aviation security professionals" for the heads of aviation security (AS) training centers in Ukraine.

In her report "ICAO's New Aviation Security Training Strategies" Director of NAU-based ICAO Institute Galina Suslova stressed that "not only does the International Civil Aviation Organization outline the problems related to the civil aviation security, it also defines ways of their implementation." Ms Suslova focused on the Global Aviation Security Plan, which includes: a systemic approach to threat identification and risk management, development of aviation security culture, expansion of technical resources and innovations, improvement of supervision, control and quality assurance; development of cooperation and support between ICAO training centers.

Senior Instructor of the SE UKSATSE's Training Center Tamara Podhaiets delivered the report "Culture of Aviation Security". She noted that an effective culture of aviation security is one of the core values, rather than an obligation



or a burdensome cost. An interesting analysis of the documents approved by Ukraine and ICAO on elimination of inconsistencies was made by ICAO instructor Tetyana Zahniy. Head of the Aviation Security Training Department of the State Aviation Service Rymma Oshkilko and State Aviation Security Inspector Volodymyr Polishchuk analyzed inconsistencies following tests for aviation security staff. Oksana Ivanchenko, head of ICAO Aviation Security Training Center at Boryspil International Airport, shared the

airport's experience in aviation security training methods.

At the meeting the projects were announced of the State Aviation Service of Ukraine in the field of aviation security training, in particular new rules; new guidebooks for state aviation security inspectors; the new module 0 in the curriculum with sub-topics "Risk Management", "Culture of Aviation Security"; standardization of aviation security training programs; and creation of working groups for the development of national programs, etc.

ICAO Institute Director Galina Suslova and instructor Dmytro Buhaiko conducted a training course titled "Aviation Safety Management System". The course was attended by top managers of the State Civil Aviation Agency of Azerbaijan, OAPA MOLDOVA training organization, international airports Boryspil and "Ivano-Frankivsk", Silk Way Business Aviation" (Azerbaijan), Meridian, Atlasjet Ukraine air carriers, NAU Flight Training Center, ground handling organization Ukrainian Handling Company.

The course is aimed at implementing the requirements of global, regional and national levels of aviation safety regulations.

Particular attention is focused on identifying threats and managing risks in the aviation industry and the practical aspects of applying these techniques in real life. The examples covered during the course help to fully adapt the theoretical material to practical operational requirements.



## AVIATION SAFETY MANAGEMENT SYSTEM TRAINING COURSE

## SEVENTH MEETING OF THE EUROPEAN / NORTH ATLANTIC REGIONAL DIRECTORS OF ICAO CENTERS

The Seventh Meeting of the European/North Atlantic Regional Directors of the ICAO Aviation Security Training Centers took place at the ICAO Regional Office (Paris, France).

On behalf of Head of the EURO/NAT Board of training centers, Director of NAU ICAO Institute, Galina Suslova, Vice-Chair of the Board Harrison Craig (UK) delivered a report on the training of aviation safety professionals in the European/North Atlantic region.

# INSTITUTES AND FACULTIES

## ICAO Institute

*Director:*  
**Galina SUSLOVA**  
(+380)44 406-72-19  
educacao.in.ua

## Institute for International Cooperation and Education

*Director:*  
**Viacheslav TYMOKHIN**  
(+380)44 497-61-15  
imco.nau.edu.ua

## Institute of Advanced Technology and Leadership

*Director:*  
**Kateryna BABIKOVA**  
(+380)44 406-79-11  
cnt.nau.edu.ua

## Training and Scientific Institute of Further Education

*Director:*  
**Iryna DEINEGA**  
(+380)44 406-73-49  
ino.nau.edu.ua

## Training and Scientific Institute of Innovative Educational Technologies

*Director:*  
**Natalia MURANOVA**  
(+380)44 406-74-04  
iiot.nau.edu.ua

## Aerospace Faculty

*Dean:*  
**Serhii DMYTRIEV**  
(+380)44 406-74-10  
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## Faculty of Aeronautics, Electronics and Telecommunications

*Dean:*  
**Ihor MACHALIN**  
(+380)44 408-58-43  
ian.nau.edu.ua

## Faculty of Architecture, Construction and Design

*Dean:*  
**Okhtiabryna CHEMAKINA**  
(+380)44 406-77-94  
iap.nau.edu.ua

## Faculty of Ecological Safety, Engineering and Technology

*Dean:*  
**Serhii BOYCHENKO**  
(+380)44 406-74-88  
febit.nau.edu.ua

## Faculty of Economics and Business Administration

*Dean:*  
**Svitlana PETROVSKA**  
(+380)44 406-76-51  
feba.nau.edu.ua

## Faculty of Cyber security, Computer and Software Engineering

*Dean:*  
**Olena AZARENKO**  
(+380)44 406-70-08  
fccpi.nau.edu.ua

## Faculty of Linguistics and Social Communications

*Dean:*  
**Serhii YAHODZINSKYI**  
(+380)44 406-70-36  
gmi.nau.edu.ua

## Department of Foreign Relations

*Dean:*  
**Yurii VOLOSHYN**  
(+380)44 406-71-96  
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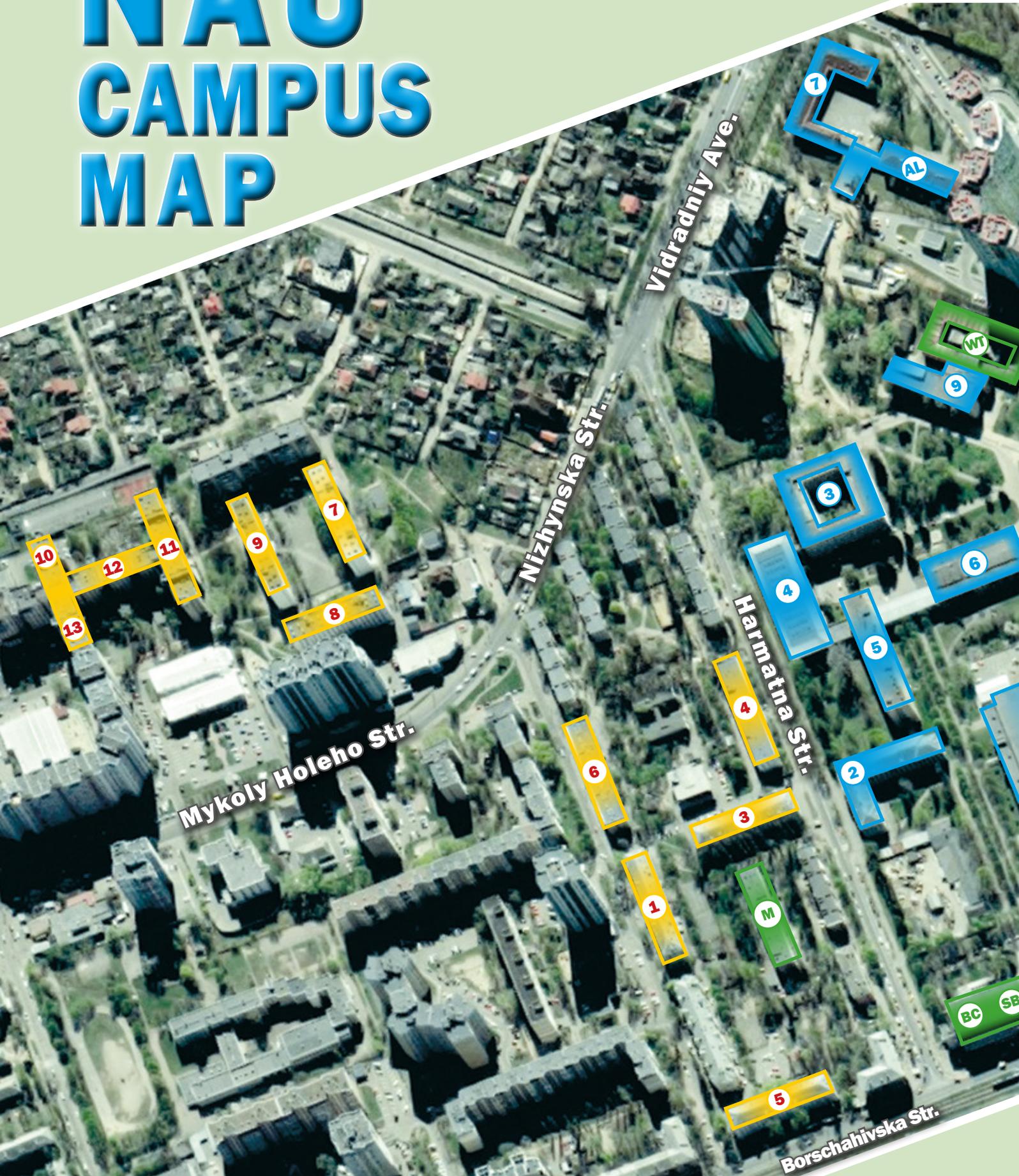
## Faculty of Transport, Management and Logistics

*Dean:*  
**Oksana ILIENKO**  
(+380)44 406-68-16  
ftml.nau.edu.ua

## Law Faculty

*Dean:*  
**Iryna SOPILKO**  
(+380)44 406-70-35  
law.nau.edu.ua

# NAU CAMPUS MAP



TELEGRAM  
CHANNEL



TELEGRAM  
CHAT



TELEGRAM  
ASK bot



OFFICIAL SITE



FACEBOOK



INSTAGRAM



Kosmonavta Komarova Ave.

- M** Aviation Medical Center
- AC** Culture and Arts Center
- BC** Aviator Billiard Club
- SB** Student Bistro

- TH** Training hangar
- WT** Training aerodynamic complex based on a subsonic TAD-2 wind tunnel
- AT** Admission team
- SL** Scientific and Technical Library
- SC** Training and Sports Wellness Center (Sports Complex)
- SG** Sports ground

- 1** Hostel # 1
- 3** Hostel # 3
- 4** Hostel # 4
- 5** Hostel # 5
- 6** Hostel # 6
- 7** Hostel #7
- 8** Hostel # 8
- 9** Hostel # 9
- 10** Hostel # 10
- 11** Hostel # 11
- 12** Hotel-type dorm
- 13** Hostel # 13

- 1** Administration
- Education building 1
- 2** Education building 2
- 3** Education building 3
- 4** Education building 4
- 5** Education building 5
- 6** Education building 6
- 7** Education building 7
- 8** Education building 8
- 9** Education building 9
- 10** Education building 10
- 11** Education building 11
- 12** Education building 12
- AL** I. Sikorsky Aviation Lyceum

# DEPARTMENTS, NAU CENTERS

**Media Communications Center**

(+380)44 406-75-90

**Accounting**
*Scholarship Payments Department*

(+380)44 406-78-81

**Human Resources Department**
*Counsel Sector*

(+380)44 406-75-58

**Counselor Department**

(+380)44 406-68-15

**Aviation Medical Center**

(+380)44 497-50-05

**Conscription unit**

(+380)44 497-52-87

**Scientific and Technical Library**

(+380)44 406-78-20

**Culture and Arts Center**

(+380)44 408-33-00

**Sports and Wellness Center (Sports Complex)**

(+380)44 406-77-34

# NAU STUDENT DORMS

**Passport Office**

(+380)44 406-74-69

**Hostel # 1**

12 Nizhynska Str.

(+380)44 406-68-21

**Hostel # 3**

51 Harmatna Str.

(+380)44 406-68-23

**Hostel # 4**

53 Harmatna Str.

(+380)44 406-68-24

**Hostel # 5**

193 Borschahivska Str.

(+380)44 497-17-93

**Hostel # 6**

14 Nizhynska Str.

(+380)44 406-68-26

**Hostel # 7**

29-A Nizhynska Str.

(+380)44 406-68-27

**Hostel # 8**

29-B Nizhynska Str.

(+380)44 457-85-39

**Hostel # 9**

29-V Nizhynska Str.

(+380)44 457-84-78

**Hostel # 10**

7-A Mykoly Holeho Str.

(+380)44 406-68-33

**Hostel # 11**

29-D Nizhynska Str.

(+380)44 457-84-59

**Hostel # 13**

29 Nizhynska Str.

(+380)44 406-68-32

On July 20, 1969, at 20:17:39 UTC, crew commander Neil Armstrong and pilot Buzz Aldrin landed the Apollo 11 lunar module on the Moon in the southwestern area of the Sea of Tranquility.

# 50<sup>th</sup> anniversary

# OF FIRST MAN LANDING ON MOON



Armstrong and Aldrin spent 2 hours 31 minutes and 40 seconds on the lunar surface at one take. Neil Armstrong became the first person to set foot on the Moon. It happened on July 21, at 2:56:15 UTC. After 15 minutes, Buzz Aldrin joined him.

The astronauts remained on the lunar surface for 21 hours 36 minutes and 21 seconds. All this time, the pilot of the command module, Michael Collins, was waiting for them in a moon orbit.

At the landing site, astronauts planted a U.S. flag, placed a set of scientific instruments, collected 21.55 kg of lunar soil samples that were then brought to Earth, and took photographs of the lunar surface. After landing, all crew members were quarantined. No lunar microorganisms were detected during the recovery.

On the lunar surface, astronauts also left a small 3.8 cm silicon disk carrying the goodwill statements by U.S. Presidents Eisenhower, Kennedy, Johnson and Nixon, along with messages from leaders of 73 countries, as well as a plaque mounted on the lunar module's descent stage bearing the drawings of Earth's Western and Eastern Hemispheres, with oceans and continents without state boundaries. The inscription read:

**"Here men from the planet Earth first set foot upon the Moon July 1969, A.D. We came in peace for all mankind."**

The whole expedition lasted 8 days 3 hours 18 minutes and 18 seconds. One million people watched the rocket launch at the launch site and the surrounding areas, and another billion watched the television broadcast in 33 countries.

The Apollo-11 was a technological masterpiece of its time, albeit offering "Spartan" conditions for the crew. It didn't even have seats – the astronauts piloted it while standing up. The on-board computer had less computing power than mobile phones have these days.

A team of 400,000 people from around the world worked on the NASA Apollo project to land it on the Moon. These were ordinary engineers and scientists who never left the Earth's surface.

Flight to the Moon was made possible, including with the help of a Ukrainian inventor, one of the pioneers of rocketry and space flight theory, **Yuriy Kondratiuk**.

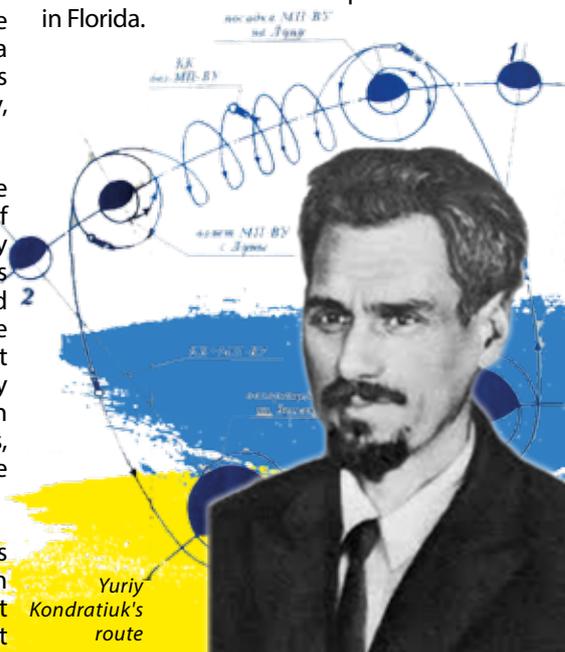
Yuriy Kondratiuk (real name Aleksander Sharhey) became part of the history of science and technology as the author of many original ideas (not only space-related) implemented by his followers in the practice of space rocket development. In particular, he first substantiated the economic feasibility of vertical rocket take-off, the creation of intermediate bases during flights, braking in the upper atmosphere, the use of solar energy by spacecraft, and more.

However, his greatest achievement is the project of calculations for a human flight to the Moon. A Ukrainian scientist developed the most energy-efficient

space flight to the moon from planet Earth 50 years before the actual human landing on the Moon. The gravitational slingshot trajectory to accelerate a spacecraft, elaborated in his book "Conquest of Interplanetary Space," was used by the Americans in the Apollo Project.

"When I, at the dawn of March 1968, stared at Cape Kennedy, at the launch of a missile carrying the Apollo ship in the direction of the Moon, I then thought about a Ukrainian, Yuriy Kondratiuk, who, 50 years ago, developed the same route that our astronauts were supposed to fly by, my God!" said John Cornelius Houbolt, one of the directors of the Apollo space program.

A monument to a prominent Ukrainian was erected at Cape Canaveral in Florida.



Yuriy Kondratiuk's route

# OPPORT

## for development

**START-UP School** is a space based on Institute of Advanced Technologies and Leadership, where theoretical knowledge and practical skills in the field of development of innovative startups can be obtained with the help of ambassadors of NAU SPHERE (teams of experts, mentors, practitioners – representatives of aviation industry, entrepreneurs, etc.)

Our START-UP school teaches startupper to test their innovative ideas for market viability, create prototypes and test them with users, and present the finished product to potential investors.

Link: <http://cnt.nau.edu.ua/uk/startup-shkola>

Phone: 406-77-19

### YESNAU English language studio

This is a free English language studio using a progressive methodology, aimed at the formation of students' foreign-language communicative competence.

Link: <http://cnt.nau.edu.ua/uk/centr-organizacijnogo-rozvytku-i-liderstva>

Phone: 406-70-57

**Association of Students-Biotechnologists of NAU's** main sphere of activity is popularization of science and organization of educational projects: lectures, festivals, workshops and more. As you prepare for the event, you can not only be involved with the organization, but choose the role of SEO, SMM manager, copywriter, word processor, and even invent your own project and successfully implement it.

The Association also organizes a popular science festival – the "Festival of Scientific Absurdity", which this year was attended by more than 1,000 people.

Facebook: ASBNAU

Telegram: @ASBNAU

### Academic mobility

NAU students annually receive internships under various scholarships (Erasmus +, Mevlana, and others) at many universities in Europe, Asia, and North America, and participate in international congresses, symposia and conferences.

Among our partners in academic mobility programs are many foreign universities from Portugal, Italy, Slovakia and other European countries, while the main ones for many years have been the universities of Poland and Spain. Today, universities of China, Lithuania, Latvia, Estonia and Turkey are being added to the list.

Link: <http://cnt.nau.edu.ua/uk/pro-sektor-akademichnoyi-mobilnosti>

Phone: 406-70-57

### Scientific Society of Students, Graduate Students, Doctoral Students, and Young Scientists

The NAU Youth Scientific Society aims to promote science, organize hackathons, conferences and competitions, collaborate with international organizations and companies – Global Logic, EOS, Huawei, and more.

An important part of its work is the development and implementation of projects of the Public Budget.

Facebook: YSANAU

Telegram: @ysanau

**English Club NAU** is a student initiative, or rather a free English speaking club. Every day, the organizers set up classes for language training, spending time with benefits, and gaining new acquaintances with common interests.

The club also organizes movie nights in English or with English subtitles, which further immerses students in a foreign language environment.

Facebook: englishclubnau

Telegram: @englishclubNAU

Instagram: englishclubnau

### Organization and coordination of the educational process in foreign languages (ICAO languages)

The program of foreign language training for higher education students is carried out in 26 specialties, providing the opportunity for continuous improvement of language skills, communication skills, mastering aviation English, listening to lectures by prominent professors and scholars from leading Western European educational institutions.

Link: <http://cnt.nau.edu.ua/uk/centr-movnoyi-sertyfikaciyi-ta-anglomovnoyi-osvity>

Phone: 406-70-52

**NAU HUB** is an informal education space supervised by the NAU Youth Scientific Society, where the best experts, scholars and activists offer their lectures. Also, it is a community of creative, proactive, and intelligent students who organize their own projects here.

NAU HUB is constantly looking for newcomers seeking to become PR managers or event managers.

Facebook: nauhub

Telegram: @nauhub

Instagram: nauhub

**NAURocket Experimental Missile Design Bureau** was created in early March 2018 and has already carried out three successful rocket launches. Students are now preparing for championships in Poland and the United States.

NAURocket is recruiting those who plan to become mechanical and electronics engineers, as well as just space lovers.

Facebook: NAURocket

# UNITIES

## and improvement

### Scientific Club on Visual Analytics

is a scientific and practical laboratory for visual analytics based on the Department of Sociology and Political Science of NAU Educational and Scientific Humanitarian Institute, which works to improve the knowledge and skills of students, to train highly qualified specialists in the field of humanities, and technicians.

### The creative teams of NAU Culture and Arts Center

have a rich history and invite everyone:  
The "POLIT" dance ensemble offers a repertoire of classics of Ukrainian choreography, dances of the peoples of the world, modern folk performances.  
*Schedule:* Mondays, Wednesdays, and Fridays, 20:00–23:00 at CAC Hall 37.  
*Head* Anna Kasatkina (097-123-88-24).

### The CAC's National Brass Band

has a diverse repertoire, from classical pieces to contemporary popular hits. With the orchestra there are training groups in saxophone, flute, trombone, clarinet, and others.  
*Schedule:* Mondays and Thursdays 14:00 – 20:00 at CAC Class 8.  
*Head and chief conductor* is Honored Worker of Culture of Ukraine Leonid Ivanov (066-444-59-230).

### National Student Theater "Ekipazh"

*Schedule:* Mondays, Tuesdays, Thursdays, and Saturdays 17:00-22:00 at CAC's Class 15.  
*Margarita Krupina* is the theater's principal director (067-695-61-03).

### Vocal studios of modern and academic singing

are waiting for new talents at the CAC.  
*Head* Svitlana Tokar-Chirikalova (063-407-03-68).

### JUST NAU Contemporary Choreography Team

*Schedule:* Tuesdays and Thursdays 17:00-19:30 at CAC Hall 7.  
*Leader* Ihor Kulik (097-654-92-72).

### The Not the Airplane literal club

is a poem reading, sharing books and thoughts, and a cozy atmosphere. Literclub is designed for people and their communication, for anyone who is interested in literature or just looking for company.

*Facebook:* litcluba  
*Telegram:*@litcluba

### Creative Students and Graduate Students Association

is a youth community organization responsible for creative events, annually organizing Student Spring, Miss NAU, STARTsFEST and NAU Humor Cup.

*Facebook:* <https://www.facebook.com/groups/288210085355119>  
*Telegram:* @tosa\_nau  
*Instagram:* tosa\_nau\_

### Sports and Health Center

has dozens of sports clubs and sections for students who are passionate about healthy lifestyle, sports skills, and outdoor activities. The center hosts various sports activities, sections, a yacht club, and a training ground.

*Phone:* 406-77-34

Discipline	Location	Practice location	Coach	
Basketball	All coaches' offices are located at the Department.	Hall # 1, 3	Mykola Velychenko	
Volleyball (men)		Hall # 1, 3	Tetiana Rakytina	
Volleyball (women)		Hall # 1, 3	Inna Skydan	
Chess		Class # 15, 1	Ivan Vrzhsnevsky	
Athletics (women)		Stadium	Volodymyr Fotyniuk	
Athletics (men)		The schedule will be drafted until late September.	Hall # 1, 3	Ihor Deineko
Footsal (coed)			Hall # 2	Svitlana Orheieva
Step aerobics			Hall # 2	Viktoriya Khachatryan
Aerodance			Gym	Tetiana Sovhyria
Artistic gymnastics (coed)			Hall # 4	Vasyl Pakhomov
Judo (coed)	Class # 15		Volodymyr Korotia	
Table tennis (coed)	Gym		Viktoriya Khachatryan Natalia Orlenko	
Strengthflex	Hall # 2		Svitlana Orheieva Natalia Orlenko	
Aerodance	Please, contact the sports center's staff for details.	Gym	Inna Skydan	
Tug of war (women)		Hall # 2	Svitlana Heychenko	
Tug of war (men)		Yacht Club Pivdennyi, Ukrayinka	Yevhen Plakhotniuk	
Yachting				

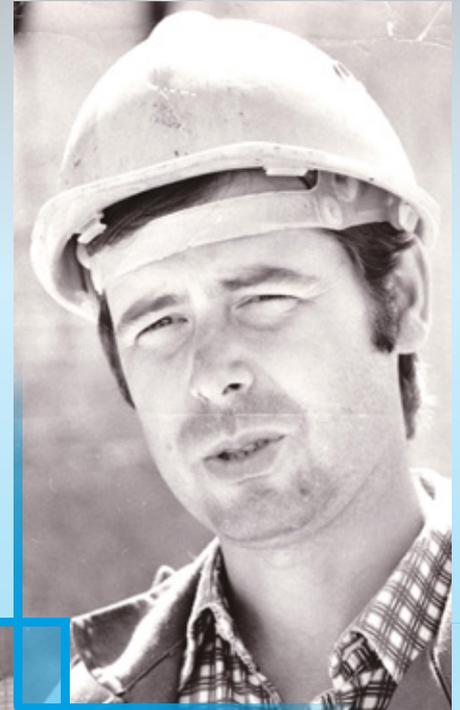
# STUDENT CONSTRUCTION

## Past and

The answer to the question of how one can unite NAU campus residents laid in the restoration of the tradition of student construction units. Student construction teams were set to do repair works at most of the dorms. It's dorms 3, 5, 6, 7, 8, 9, 11, and 13. The priority was the renovation of common-use areas: kitchens, stairways, bathrooms, common corridors and section corridors, halls, and more.

The initiators of the return of this form of cooperation with the students were Rector Volodymyr Isaienko and NAU Chief Engineer Yuriy Symonenko. Alumni of Kyiv Institute of Civil Aviation Engineers' Faculty of Aviation Radioelectronic Equipment Yuriy Symonenko, has learned from his own experience all the specifics of student construction teams (SBTs). In 1982, he led a Construction Team of the City of Kyiv.

*"The history of the creation and operation of SCUs dates back to 1954-1954," says Mr Symonenko. "They became the driving force in the development of virgin lands of Kazakhstan, the Far East and the Volga region [of the Soviet Union]. Being at the time a student of Kyiv Institute of Civil Aviation Engineers, which was a base for a Kyiv student construction unit, he successfully completed a "labor semester" and received state honors for building the "city of the future". The city of Gzhatsk was selected in Smolensk region, where Yury Gagarin was born, and was renamed in his honor. Every year, 26 units would gather there, of which 15 represented one of the Soviet republics, and 11 construction units from "Hero cities": Kyiv, just like Odesa, Sevastopol, and Kerch, was a Hero city,*



*and also the capital; accordingly it could not represent the Ukrainian Soviet Socialistic Republic. Therefore the Ukraine unit was formed in Kharkiv. The "Kyiv" unit was formed mainly from amongst students of the-then Aviation Institute, Drama Institute, Construction University, and PE Institute, because it had both to be engaged in construction and perform propaganda functions, targeting youths.*

*The student movement was very powerful back in the day, satisfying the interests of both the state and the young people who were engaged because making 1,000 rubles in two months was an extraordinary opportunity for a student, given that the average salary was 100 rubles per month. But work was not easy, without days off, while working hours lasted until dusk".*

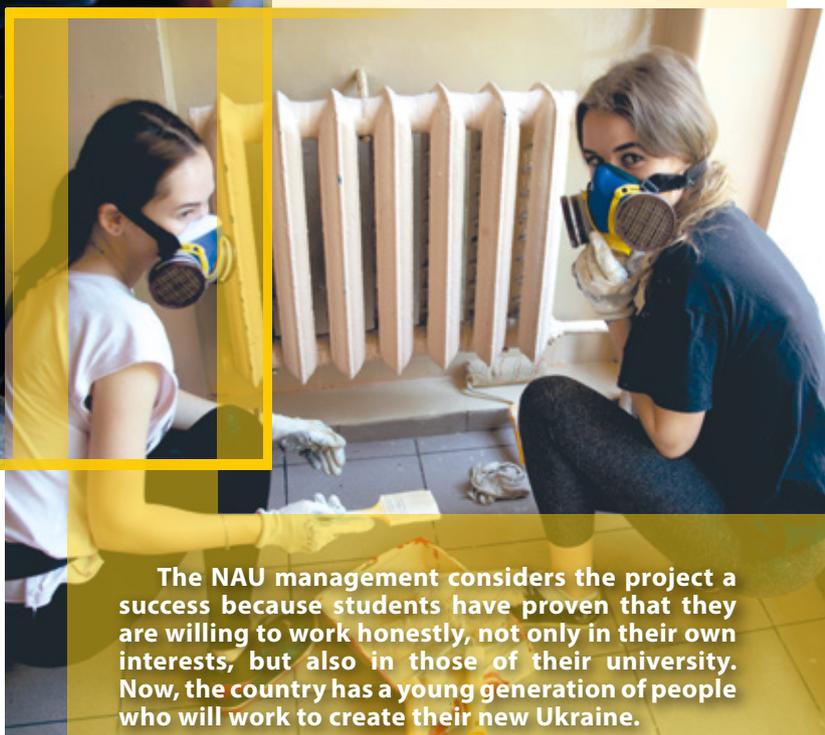


# CONSTRUCTION UNITS: *Present*

When it came to repairing the NAU campus, it was decided to try to adapt the experience of past generations to today's needs. Despite some skepticism, the process was quite successful. All who agreed to partake were admitted to construction units by a rector's order, in line with the Cabinet's requirements.



About 100 students from almost all faculties joined the construction units in order to improve living conditions in the dorms, together with the engineering and technical staff of the University's Production and Repair Service.



Before starting their work, students were trained in the basics of construction professions, as well as occupational safety and fire safety. On average, 7-8 people would work at dorms doing plastering and painting works. In addition to getting their wages, students were allowed to use construction materials provided by the university to repair their own rooms.

The NAU management considers the project a success because students have proven that they are willing to work honestly, not only in their own interests, but also in those of their university. Now, the country has a young generation of people who will work to create their new Ukraine.

The most anticipated event of this spring, **Miss NAU-2019 beauty pageant**, was held at NAU culture and arts center. The most beautiful girls of the University answered questions, showed their talents, and impressed the audience with their unmatched beauty.

The students were entertained by performances of University student Yulia Yaroshenko, participant of the X-Factor contest **Kateryna Romanchyk** and NAU graduate **Denis Barkanov**. Quier impressive were the gigs by **Dmitry Viskov's circus agency**, artists of **the Alla Dukhova Ballet Studio TODÉS**, and **Kyiv State Choreographic School**.



# Miss NAU 2019



The winners in various nominations are:

- Miss Romance** – *Anastasia Charupa,*
- Miss Grace** – *Veronika Shevchenko,*
- Miss Elegance** – *Olena Syvokin,*
- Miss Tenderness** – *Anastasia Shopinska,*
- Miss Originality** – *Elizaveta Stepanova,*

- Miss Charming** – *Maryna Savchuk,*
- Miss Erudite** – *Liana Vasilenko,*
- Miss Charisma** – *Angelina Shurko,*
- Miss Artistry** – *Polina Serdyuk,*
- Miss Attraction** – *Ksenia Kurdes,*
- Miss People's Choice** – *Polina Serdyuk.*

**The First Vice-Miss** title was awarded to a representative of the Faculty of Law, **Polina Serdyuk**, and **the Second Vice-Miss** title – to a contestant from the Faculty of Linguistics and Social Communications **Anastasia Shopinska**. All participants received gifts from the university and event sponsors.



**Miss NAU-2019 beauty pageant winner was Angelina Shurko, a student of the Faculty of Transport, Management and Logistics.**



*Congratulations to the girls on their victory!*

