

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
National Aviation University



APPROVED

Rector

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01 2019 p.




Quality management system

**CONTEXT OF
NATIONAL AVIATION UNIVERSITY**

QMS NAU C 4.1 – 02 – 2019

KYIV


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National Aviation University (hereafter referred to as the University) is the largest aviation higher education institution in Ukraine which over its 85 years of history has made a significant contribution to the development of the national aerospace industry, global progress and personal enhancement, having trained hundreds of thousands of professionals for 160 countries. Among them there are well-known scientists, engineers, military and state figures, technical officers, and educators. Up until now we`ve been training professionals in promising specialties without which the life of modern society is impossible. The University is steadily moving with the times. Progressive trends in higher education are fully reflected in the educational process. The experienced academic staff, modernized training facilities as well as widespread use of the latest information technology contribute to the effective mastering of the profession and the personality formation of the next generation of the aerospace industry professionals.

One of the University`s top priorities is integration into the international academic space. It has been conducted joint research on a wide range of science and technology issues together with the universities of Great Britain, Spain, Holland, Germany, France, South Korea, China and other countries. In recent years, the University has successfully cooperated with the International Civil Aviation Organization (ICAO). On its basis two ICAO training centers have been opened operating according to the single TRAINAIR methodology and based on the ICAO Standards and Recommended Practices.

The University`s development in the nearest future will be based on the recent achievements, namely:

- Administrative decentralization;
- University life democratization;
- Ensuring transparency in the work of all the University`s subdivisions;

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- creating an atmosphere of mutual trust and respect for the educator and scientist`s work as well as incentives for all the students and employees` persistent efforts.

The University has created the system of student and collective self-governance that is one of the best in the country together with starting its own special approach to working out and making important decisions, monitoring their implementation which ensures the University`s unbridled and continuous progress in accordance with the adopted Development Strategy.

At the University due attention is paid to the organization of student leisure time: the studios of the Center for Culture and Arts, sections of the Center for Sports and Health, the Aviation Club provide opportunities for holistic creative development.

STRONG POINTS

1. Presence of the active student interest groups, including self-governing student organizations (TOSA, POSA, NTSADNV, SP).
2. Human Capital, Highly-Skilled Faculty members.
3. Recognized scientific schools and scientific traditions.
4. Possibility of innovative technology development and commercialization, in particular, education technology.
5. Possibility to introduce new technology in the educational process and research activities.
6. English taught undergraduate and graduate programs.
7. Availability of the Concept on the University`s Innovation Development with the main factors of its implementation.
8. Availability of the University`s infrastructure composed of the facilities and resources and the possibility of its adaptation to modern times.
9. Regulatory framework for the educational process organization.
10. A wide range of competitive specialties.

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11. Availability of architectural, construction and art training programs.
12. Non-formal education opportunities for the development of student projects.
13. Integration of the academic staff rating assessment into the system of monitoring the educational structural subdivisions` activities.
14. Close ties with enterprises and businesses, in particular, in the aviation industry.
15. Specification taking into account peculiarities of individual structural subdivisions` activities.

WEAK POINTS

1. There is no systematic involvement of foreign specialists in the educational process and the University`s scientific, research and technological activities.
2. The amount of information in English on the University`s website is insufficient to implement the University`s Strategy on Internationalization of Cooperation in the Field of Education.
3. Insufficient influx of young promising scientists and academic staff.
4. Low level of cooperation with foreign partners on scientific research
5. Inadequate system of arrangements with employers.
6. Insufficient performance indicators of the internal system of adherence to the academic honesty principles.
7. Lack of a university electronic document flow.

OPPORTUNITIES


1. Making use of the University`s competitive advantages over other technical higher education institutions in Ukraine.
2. Restoration of the University`s scientific park with the purpose of its developments commercialization.
3. Long-term prospects of the world`s aerospace and related industries development.

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4. Introduction of project management principles and tools.
5. Introduction of the Digital University Development Program.
6. Integration into the world`s academic and innovation space.
7. International competition and programs for supporting educational, research, innovation activities, exchanges, internships, etc.
8. Support for and expansion of relationships with businesses as employers.
9. More intensive cooperation with international industry organizations.
- 10.Cooperation with international organizations, establishments and foreign higher education institutions.
- 11.Development of a transparent system of material incentives for the University`s academic staff publishing their scientific research results in foreign journals indexed in Scopus and having the impact factor.
- 12.Intensification of occupational guidance for prospective students aimed at popularizing NAU among school, college, vocational technical school graduates and students graduating from other educational institutions of Ukraine and the world.
- 13.Development of the continuous education system on the basis of NAU – lifelong learning (LLL).
- 14.Using the "International Association of NAU Graduates " to improve the University`s image.

THREATS

1. Globalization, exacerbation of the demographic crisis and intensification of migration processes
2. The lack of industry demand for scientific developments and professionals` training.
3. High competition among higher education institutions f Ukraine for university applicants.

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4. Absence of state innovation and economic mechanisms for science, education and production integration.
5. Absence of a state innovation strategy in the aerospace industry.
6. Lack of investors and supporters.
7. Economic groundlessness of university fees.
8. Relaxation in the entrance requirements
9. Opportunity to prepare bachelors in higher education institutions of the II-III accreditation levels.
10. Ignorance of foreign universities about cooperation possibilities with NAU.
11. Unstable political and economic, military-political situation in the country.
12. Low level of applicants' knowledge.
13. A drop in young people's interest to technical specialties.
14. Deterioration of the University's image.
15. Regulatory barriers to innovative structures creation on the basis of higher education institutions.
16. Weak state financial support for higher education.
17. Treatment of National Aviation University by local communities as a threat.
18. Frequent changes in the admission requirements.
19. Structural changes in the Ukrainian and world economy, growing employers' requirements to professional training diversification for a specialist to be able to be a professional in several diverse specialties.

DEVELOPED

by the task force on designing the University's development strategy and its implementation plan

Rector's Decree №533/од of November 13, 2018