



Name	Kobrina Nataliia
Position, Department/Faculty	Department of automobile and transport infrastructure
Academic Degree, Academic Title	Candidate of Engineering Sciences,
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ResearchGate:	https://www.researchgate.net/profile/Natalia-Kobrina?ev=hdr_xprf

EDUCATION:

Basic education (university, major, year of graduation):

National Aerospace University “Kharkiv Aviation Institute” Ecology and Environmental Protection, 2007.

- Kharkiv State University of Food Technology and Trade, commodity science and expertise in customs, 2010.

- National Technical University "Kharkiv Polytechnic Institute", Motor Vehicle Transport, 2024.

Postgraduate/Doctoral studies:

Head of the **Automobiles of Engineering Sciences**

Additional training, certification programs:

I don't have

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

Head of department, candidate of technical sciences, associate professor 2024

Teaching Experience:

Cars

Basics of technical diagnostics of cars

Technology of protective coatings during car repair

Ecological and ergonomic safety of automotive equipment

Organization and management of car service



Modern technologies on the car

Experience in International or National Projects:

I don't have

RESEARCH ACTIVITIES:

Main Research Areas:

computer diagnostics of cars and environmental protection

Number of Publications (Scopus, WoS, others):

this I have over 80 scientific works published in Ukraine and abroad

Monographs, Textbooks:

Monographs:

1. Unmanned aviation complexes for solving environmental problems [Text]: monograph / V.N. Kobrin, I.N. Bereshko, I.V. Kaluzhynov, N.V. Nechiporuk, V.I. Kartunov, N.V. Kobryn, LapLambert - 2015 - 111p.

2. Scientific and educational schools of the National Aerospace University named after M.E. Zhukovsky "Kharkiv Aviation Institute" [Text]: monograph / [M. F. Babakov, O. O. Baranov, I. V. Bychkov and others] ; in general ed.. M. V. Nechiporuka. - Kharkiv: National. aerospace University named after M. E. Zhukovsky "Kharkiv. aviation Institute of Technology", 2020. - 384 p.

3. Kobrina N. Environmental safety during loading and unloading bulk materials in ports. Monograph. – Primedia eLaunch, Boston, USA, 2025. – 137 p

Textbooks:

1. Diagnostics of car electrical equipment. Contact and non-contact ignition system: training. lab manual practicum [Text]: teaching. manual before performing the lab. works / N. V. Kobrina, A. V. Makovetskyi. - Kharkiv: National. aerospace University named after M. E. Zhukovsky "Kharkiv. aviation Institute of Technology", 2018. - 64 p.

2. Diagnosing the elements of the distributed injection system. Part 1 [Text]: teaching. lab manual practicum / N. V. Kobrina, A. V. Makovetskyi - Kh.: Nats. aerospace "Khark" University aviation Institute of Technology", 2017. - 68 p.

3. Computer diagnostics of the electronic control unit of the internal combustion engine [Text]: training. manual before performing the lab. works / N. V. Kobrina, A. V. Makovetskyi. - Kharkiv: National. aerospace University named after M. E. Zhukovsky "Kharkiv. aviation Institute of Technology", 2018. - 64 p.

4. N. V. Kobrina. Methodical recommendations for the implementation of the course project: Cars / N. V. Kobrina, A. M. Hryhorovych, A. V. Makovetskyi / Approved by the scientific and methodical commissions of the university in the relevant fields of knowledge on December 4 (protocol No. 3, 5) and December 11 (protocol No. 4) of 2020

Participation in Scientific Conferences:

Over 40 manuscripts

TEACHING ACTIVITIES:

Courses Taught:



NATIONAL AEROSPACE UNIVERSITY
«KHARKIV AVIATION INSTITUTE»



Cars

Basics of technical diagnostics of cars

Technology of protective coatings during car repair

Ecological and ergonomic safety of automotive equipment

Organization and management of car service

Modern technologies on the car

Methodological Materials, Textbooks:

1. Diagnostics of car electrical equipment. Contact and non-contact ignition system: training. lab manual practicum [Text]: teaching. manual before performing the lab. works / N. V. Kobrina, A. V. Makovetskyi. - Kharkiv: National. aerospace University named after M. E. Zhukovsky "Kharkiv. aviation Institute of Technology", 2018. - 64 p.

2. Diagnosing the elements of the distributed injection system. Part 1 [Text]: teaching. lab manual practicum / N. V. Kobrina, A. V. Makovetskyi - Kh.: Nats. aerospace "Khark" University aviation Institute of Technology", 2017. - 68 p.

3. Computer diagnostics of the electronic control unit of the internal combustion engine [Text]: training. manual before performing the lab. works / N. V. Kobrina, A. V. Makovetskyi. - Kharkiv: National. aerospace University named after M. E. Zhukovsky "Kharkiv. aviation Institute of Technology", 2018. - 64 p.

4. N. V. Kobrina. Methodical recommendations for the implementation of the course project: Cars / N. V. Kobrina, A. M. Hryhorovych, A. V. Makovetskyi / Approved by the scientific and methodical commissions of the university in the relevant fields of knowledge on December 4 (protocol No. 3, 5) and December 11 (protocol No. 4) of 2020

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Distinctions, Awards, Prizes:

Gratitude of the Chairman of the Kharkiv Regional Council on the occasion of the Constitution Day of Ukraine 2021, Gratitude of the Chairman of the Kharkiv Regional Council on the occasion of the Independence Day of Ukraine 2023, Certificate of the Territorial Defense Forces of the Armed Forces of Ukraine 2023, Certificate on the occasion of the Aviation Day of Ukraine 2024, Order of the Holy Equal-to-the-Apostles Princess Olga 27.06.2024 No. 946

Membership in Professional Associations:

member of the editorial board of the International Science Journal of Engineering & Agriculture (ISSN: 2720-6319) Periodicity: once every two months