Name	Tetiana Klymenko
Position, Department/Faculty	Senior lecturer, Department of Software Engineering / Faculty of Software Engineering and Business
Email:	t.klymenko@khai.edu
Web of Science ResearcherID:	NVM-3750-2025
ORCID iD:	0000-0003-3464-3066
Google Scholar:	https://scholar.google.com.ua/citations?hl=uk&user=AL4Ddk0AAAAJ

EDUCATION:

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

Kharkiv Aviation Institute named after M.E. Zhukovsky, 1990 - 1996, Specialist Diploma, specialty "Software for Computers and Automated Systems", specialist qualification: software engineer.

National Aerospace University named after M.E. Zhukovsky "Kharkiv Aviation Institute", 2006 - 2007, Master's Diploma, specialty "Software for Automated Systems", professional qualification of research engineer.

Postgraduate/Doctoral studies:

2004 – 2007. National Aerospace University -'Kharkiv Aviation Institute' (KhAI)

Additional training, certification programs:

IT Ukraine Association Teacher's Internship 2024 held by EPAM Lectures (30 hours): AWS Academy and Cisco Network Academy AI Tools Basic: how it works? AI Tools Intermediate: special tools for teachers and researchers EPAM Special: Learn Portal, Final Project: 60 hours, January-February 2024, 90 hours/ 3 credits, Kyiv, Ukraine № EPAMTI24318.

Sigma Software University Honor Code Certificate of Completion in SSWU : Teachers' Smart Up: Winter Edition 3.0 2024, 30 hours (1 ECTS), 22-26.01.2024. Cer tificate ID Number: 4dedc949bfdf4fbfbae7e46a20696248.

Winter School "Fundamentals of European Customs Legislation in the Examination of Goods" within the framework of the Jean Monnet project: ERASMUS-JMO-2023-HEI-TCH-RSCH "European concept of dynamic regulation and coordination of examination of goods in customs affairs" (EDETMS) / "European concept of dynamic regulation and coordination of examination of goods in customs affairs", January 20 - 24, 2025.

Sigma Software University Honor Code Certificate of Completion in Sigma Software University: Teachers' Smart Up: Winter Edition 2025, 30 hours (1 ECTS), 27-31.01.2025. Cer tificate ID Number: 9e5c2e27ee26412a825319b5b881a12b.

Advanced training course "Big Course on AI in Education", 45 hours, 1.5 ECTS credits (05/26/2025 - 06/09/2025).

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WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):
NPE "Khartron-Arcos" (March 1996 - August 2002), software engineer

Senior lecturer, Department of Economics, Marketing and International Economic Relations, Faculty of Software Engineering and Business (26.08.2002 – 31/08/2023) (Marketing of services, Standardization and certification of products and services, Commodity studies, Development of economic worldview, Economic and mathematical modeling, Operations research, Transnational corporations, Cost management)

Senior lecturer, Department of Software Engineering, Faculty of Software Engineering and Business (01.09.2023 – Current) (Programming Fundamentals, Programming in C#, Relational Databases, Optimization and Promotion of Websites, Artificial Intelligence Systems, Software Testing and Verification, Expert Systems and Expertise)

RESEARCH ACTIVITIES:

Main Research Areas:
Software engineering, economics, marketing, modeling.

Number of Publications (Scopus, WoS, others):
Over 20 different scientific publications, including indexed in Google Scholar and Web of Science databases; multiple conference proceedings and applied research outputs.

Monographs, Textbooks:
7 textbooks in the fields of economics, marketing, and software engineering.

Participation in Scientific Conferences:
Regular participant (more 50) at international and national scientific conferences on marketing, economics, digital transformation, and software engineering
(Ukraine, Poland, Turkey, Bulgaria).

TEACHING ACTIVITIES:

Courses Taught:
Programming Fundamentals, Programming in C#, Relational Databases, Optimization and Promotion of Websites, Software Testing and Verification, Expert Systems and Expertise

Author Courses, Academic Programs:
Marketing of services, Standardization and certification of products and services, Commodity studies, Cost management

Methodological Materials, Textbooks:
Author of textbooks in the field of economics, marketing
Co-author of textbooks in the field of software engineering
Developed electronic resources and video materials for hybrid and online teaching (Moodle)

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Honorary Titles:
Honorary Certificate from the National Aerospace University "Kharkiv Aviation Institute"
National Aerospace University – Kharkiv Aviation Institute [2025]
Acknowledgment from the Kharkiv City Mayor
Kharkiv City Council [2024]

Membership in Professional Associations:
Member of the public organization "UNIT" (Ukrainian Scientific IT Society) [2025].
Member of the public organization "Progressives" [2025].

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):
T. Klymenko THE INFLUENCE OF TRANSNATIONAL CORPORATIONS ON THE ECONOMIC WORLDVIEW IN THE CONDITIONS OF COMPETITIVE CONFLICT, 2023, Time Description of Economic Reforms. – URL: https://doi.org/10.32620/CHER.2023.1.02

Klymenko T. A. Management of information development of agro-industrial enterprises. – Current problems and prospects for the development of accounting, analysis and control in a socially oriented enterprise management system: Materials of the IV All-Ukrainian Scientific and Practical Conference. Part 1. Poltava, March 31, 2021. Poltava, 2021. – P. 317 – 319.

Klymenko T. A. The impact of digitalization on consumer behavior in modern realities. – 100th anniversary of the Polesie National University: achievements, realities and prospects: materials of the international scientific and practical conference, Zhytomyr, May 19-20, 2022 – P. 246 – 249.

Klymenko T. A. The role of information systems in accounting and control over the development of socio-economic processes in wartime conditions // Management of the development of socio-economic systems: Materials of the VIII International Scientific and Practical Conference (Kharkiv, March 21-22, 2024). Kharkiv: DBTU. Part 2. 2024. 754 p., pp. 186 - 187.
https://repo.btu.kharkov.ua/handle/123456789/50069

Klymenko T. A. Current aspects of the application of information technologies in the formation of a startup ecosystem in Ukraine // Strategic priorities for the development of entrepreneurship, trade and exchange activities: materials of the V International Scientific and Practical Conference, May 16 – 17, 2024 / Under the general editorship of Prof. Tkachenko A.M. – Zaporizhzhia: National University "Zaporizhzhia Polytechnic", 2024. – P. 125 – 128.
https://eir.zp.edu.ua/server/api/core/bitstreams/fb3d5a42-16ab-4bdb-ad5f-663fbc9a8b02/content

Klymenko T. A. The relevance of information protection and security in social networks and messengers in conditions of martial law / Information security and information technologies: collection of reports of the V International Scientific and Practical Conference, IBIT 2024, Lviv, November 27, 2024. Lviv, LDU BZhD, 2024, p. 103 – 105.
https://indico.ldubgd.edu.ua/event/55/overview

Klymenko T. A. The role of digital transformation of the economy in strengthening the economic security of entrepreneurship / Organizational and accounting and financial mechanisms of management of economic security of entrepreneurship [Text]: theses of the supplementary International Scientific and Practical Conference of December 12–13, 2024 – Kharkiv: National Aerospace University named after M. E. Zhukovsky "Kharkiv. Aviation Institute", 2025. – 256 p., pp. 212 - 214.

Klymenko T. A. METHODS OF INFORMATION PROTECTION IN COMPUTER SYSTEMS AND NETWORKS / Computer intelligent systems and networks. Materials of the XVIII All-Ukrainian Scientific and Practical WEB Conference of Postgraduate Students, Students and Young Scientists (March 25-27, 2025). – Kryvyi Rih: Kryvyi Rih National University, 2025. – 432 p. (pp. 403 - 406) - https://sites.google.com/view/kicm/.

Books, Chapters in Collective Monographs:
Klymenko T. A. Commodity science: tasks and tests: teaching aids/ T. A. Klymenko. – Kh.: National Aerospace University "Kharkiv Aviation Institute", 2010. – 73 p.

Klymenko, T.A. Standardization and certification of products and services [Text]: teaching manual. / T.A. Klymenko, V.O. Pilshchikov. – Kh.: National Aerospace University named after M.E. Zhukovsky "Kharkiv Aviation Institute", 2011. – 144 p.

Klymenko T.A. "Cost Management: Theory, Tasks, Tests" [Electronic resource] / Kharkiv: National Aerospace University named after M. Ye. Zhukovsky "Kharkiv. Aviation Institute", 2018. – 106 p.

Klymenko T. A. Services marketing: teaching and methodical manual / Kh.: National Aerospace University "Kharkiv Aviation Institute", 2020. – 65 p.
http://library.khai.edu/library/fulltexts/doc/Klimenko_Marketing.pdf

Klymenko T. A., Manzhos Yu. S. Relational databases: lecture notes / Kh.: National Aerospace University "Kharkiv Aviation Institute", 2025. – 180 p.

Klymenko T. A., Manzhos Yu. S., Shevchenko I. V. Relational databases: teaching aids for laboratory work / Kh.: National Aerospace University "Kharkiv Aviation Institute", 2025. – 180 p.

Sokolova E. V., Luchsheva O. V., Klymenko T. A. Programming in C#: teaching aids for practical work / Kh.: National Aerospace University "Kharkiv Aviation Institute", 2025. – 99 p.

ADDITIONAL INFORMATION:

Language Proficiency:
Ukrainian, English

IT Skills:
C++ / C# / My SQL / SEO / Microsoft Office / Social Media / Zoom / Google

Social and Community Activities:
Executive Secretary of the Selection Committee of Faculty
Deputy Dean of Faculty

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