



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Tatiana Volina**
Address(es) Ukraine, Sumy, H. Kondratieva Str., 160, 40021
Telephone(s) Mobile: + 38 099 7233321
Fax(es)
E-mail t.n.zaharova@ukr.net
Nationality Ukrainian
Date of birth 22.07.1987
Gender Female

Current employment / Occupational field

**Associate Professor of the Department of Projection of Technical Systems,
Sumy National Agrarian University;**

Work experience

Dates	09.2010-10.2011
Occupation or position held	Lecturer of the Department of Innovative Technologies
Main activities and responsibilities	Teaching and scientific activity
Name and address of employer	Sumy Regional Institute of Postgraduate Pedagogical Education, 5 R.-Korsakov Str., Sumy, 40000, Ukraine
Type of business or sector	Higher Educational Institution (Agricultural Sector)
Dates	10.2014-08.2015
Occupation or position held	Senior Instructor of the Department of Descriptive Geometry, Computer Graphics and Design
Main activities and responsibilities	Teaching and scientific activity
Name and address of employer	National University of Life and Environmental Sciences of Ukraine, 15 Heroiv Oborony Str., Kiev, 03041, Ukraine
Type of business or sector	Higher Educational Institution (Agricultural Sector)
Dates	09.2015 till now
Occupation or position held	Associate Professor of the Department of Projection of Technical Systems
Main activities and responsibilities	Teaching and scientific activity
Name and address of employer	Sumy National Agrarian University, 160 H.Kondratieva Str., Sumy, 40021, Ukraine
Type of business or sector	Higher Educational Institution (Agricultural Sector)

Education and training

Dates 2004-2008
Title of qualification awarded Mechanical Engineer
Principal subjects/occupational skills covered Mechanization of agriculture

Name and type of organization providing education and training | Sumy National Agrarian University (University education)

Level in national or international classification | Bachelor's degree

Dates | 2008-2010

Title of qualification awarded | Mechanical Engineer

Principal subjects/occupational skills covered | Mechanization of agriculture

Name and type of organization providing education and training | Sumy National Agrarian University (University education)

Level in national or international classification | Master's degree

Dates | 2005-2008

Title of qualification awarded | Bachelor of Accounting and Auditing

Principal subjects/occupational skills covered | Accounting and Auditing

Name and type of organization providing education and training | Sumy National Agrarian University (University education)

Level in national or international classification | Bachelor's degree

Dates | 2008-2010

Title of qualification awarded | Master in Administrative Management (distance Learning)

Principal subjects/occupational skills covered | Administrative Management

Name and type of organization providing education and training | Sumy Regional Institute of Postgraduate Pedagogical Education (University education)

Level in national or international classification | Master's degree

Dates | 2011-2014

Title of qualification awarded | Candidate of Technical Sciences

Principal subjects/occupational skills covered | Applied geometry, engineering graphics

Name and type of organization providing education and training | National University of Life and Environmental Sciences of Ukraine (post-graduate education)

Level in national or international classification | PhD in Technical Sciences

Personal skills and competences

Reliability, sociability, energy, purposefulness

Mother tongue(s)

Ukrainian

Other language(s)

English, French, Russian

Self-assessment

European level ()*

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Upper intermediate	B2	Upper intermediate	B2	Upper intermediate	B2	Upper intermediate	B2	Upper intermediate
A2	Elementary	A2	Elementary	A2	Elementary	A2	Elementary	A2	Elementary

Russian

C2	Proficiency	C2	Proficiency	C2	Proficiency	C2	Proficiency	C2	Proficiency
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(*) [Common European Framework of Reference for Languages](#)

Social skills and competences	I am a member and take an active part in the life of the Ukrainian Association of Applied Geometry, as well as in the life of the Sumy National Agrarian University and National University of Life and Environmental Sciences of Ukraine. I am used to work in the team within the framework of international educational and scientific projects.
Organizational skills and competences	I actively participate in the organization of university events, as well as the activities of the Ukrainian Association for Applied Geometry.
Computer skills and competences	Experienced user of a personal computer. Additionally competent with most computer programs for drawing: Kompas, T-Flex, SolidWorks, AutoCAD are among them.
Artistic skills and competences	
Driving license	Category B (car), category A (tractor).

Additional information:

Scientific Research Topic and Publications

Scientific Research Topic: «Modeling of the movement of the particles of technological material on the surfaces».

Main publications:

1. Pylypaka S., Nesvidomin V., Volina T., Sirykh L., Ivashyna L. Movement of the Particle on the Internal Surface of the Spherical Segment Rotating About a Vertical Axis. *INMATEH – Agricultural Engineering*, 2020, 62(3), pp. 79–86, DOI: 10.35633/inmateh-62-08.
2. Volina T., Pylypaka S., Nesvidomin V., Pavlov A., Dranovska S. The Possibility to Apply the Frenet Trihedron and Formulas for the Complex Movement of a Point on a Plane with the Predefined Plane Displacement. *Eastern-European Journal of Enterprise Technologies*, 3 (7 (111)), pp. 45–50 (2021), DOI: 10.15587/1729-4061.2021.232446.
3. Volina, T., Pylypaka, S., Kremets, Y., Kozlova, O., Rebrii, A. (2022). Organization of Transportation of a Particle by an Inclined Cylinder Rotating Around the Axis. In: Ivanov, V., Pavlenko, I., Liaposhchenko, O., Machado, J., Edl, M. (eds) *Advances in Design, Simulation and Manufacturing V. DSMIE 2022. Lecture Notes in Mechanical Engineering*. Springer, Cham. https://doi.org/10.1007/978-3-031-06044-1_6.
4. Pylypaka, S., Volina, T., Hryshchenko, I., Dieniezhnikov, S., Rybenko, I. (2022). Mathematical Model of Lifting Particles of Technological Material by Vertical Auger. In: Ivanov, V., Pavlenko, I., Liaposhchenko, O., Machado, J., Edl, M. (eds) *Advances in Design, Simulation and Manufacturing V. DSMIE 2022. Lecture Notes in Mechanical Engineering*. Springer, Cham. https://doi.org/10.1007/978-3-031-06044-1_11.
5. Pylypaka S., Kresan T., Volina T., Hryshchenko I., Pshenychna L., Tatsenko O. Designing an outer toothed gear whose wheel teeth are outlined by the logarithmic spiral arcs. *Eastern-European Journal of Enterprise Technologies*, 6 (7 (114)), doi: <https://doi.org/10.15587/1729-4061.2021.245121>.

Projects Experience: -

Annexes