

**JOB POSTING FOR A VACANT POSITION
MILITARY UNIVERSITY OF TECHNOLOGY
AT THE JAROSŁAW DĄBROWSKI**

INSTITUTION: Institute of Vehicles and Transportation, Department of Mechanical Engineering

CITY: Warsaw

POSITION: Research and Teaching Assistant

DEADLINE FOR SUBMISSION OF OFFERS: 31.08. 2026

WEBSITE LINK: www.wat.edu.pl

EMPLOYMENT PERIOD: Starting October 1, 2026, full-time position, fixed-term contract through September 30, 2028, with the possibility of extension to an indefinite term

Indicative terms of reference:

- conducting auditorium and laboratory exercises and providing consultations according to current plans and schedules of higher education;
- elaboration of the content of detailed auditorium and laboratory exercises;
- development of scientific creativity and improvement of own qualifications;
- publishing research results in high-scoring scientific journal from the current lists of the Ministry of Science and Education;
- participating in conferences, symposia and scientific seminars;
- implementation and participation in research projects;
- participation in the acquisition of scientific and research works;
- participating in graduation procedures for student in the field of study in the Institute of Vehicles and Transport;
- participation in organizational work for the didactic process and conducting scientific research;
- participation in projects aimed at developing the didactic and research base of the Institute.

Candidates are required to:

- meets the requirements determined in Article 116 of the Act of July 20, 2018. Law on higher education and science (Journal of Laws of 2024, item 1571, as amended);
- title of Master of Science in Engineering in the field Mechanical Engineering specialization related to the operation of motor vehicles;
- scientific achievements in the discipline mechanical engineering (at least four presentations at national and international conferences and authorship or co-authorship of one monograph chapter within the last four years – achievements in areas related to vehicle automation, unmanned vehicles, and the modeling of vehicle motion dynamics);
- knowledge and skills in areas of:

- 3D CAD computer modeling using SolidWorks,
 - preparing and producing 3D prints using SLA and FDM technologies,
 - universal design focused on the transport and mobility of people with special needs participating in road traffic,
 - vehicle automation systems, including: environment perception systems (sensors, perception algorithms), decision-making and motion planning systems (algorithms for decision-making and planning collision-free vehicle trajectories), and motion execution systems (actuators, trajectory execution algorithms / driver models);
- evidenced teaching experience at the University (minimum 50 hours);
 - knowledge of distance learning systems (Microsoft Teams etc.);
 - the abilities to use analytic thinking, to work in a team and flexible hours;
 - english language certificate at a minimum level of B2;
 - certificate of proficiency in Polish for foreigners at the level of min. B2;
 - ability to analyze and present data and research results, including the use of Microsoft Office software and Matlab;
 - ability to develop vehicle dynamics models, including the use of PC-Crash, MATLAB/Simulink software and dedicated libraries (e.g., Vehicle Dynamics Blockset);
 - ability to develop software and write code for scientific research, including the use of Python and libraries such as Matplotlib, Pandas, and NumPy;
 - knowledge of industrial automation system programming, including the use of Siemens PLCs and TIA Portal software;
 - knowledge of vehicle control system programming, including the use of the ROS framework;
 - ability to prepare and conduct measurements of selected physical quantities, including the use of tools such as Dewesoft or National Instruments.

An application for the competition should include:

- an employment application addressed to the Rector of the Military University of Technology (WAT);
- a personal questionnaire for the applicant;
- a curriculum vitae (CV);
- copies of diplomas and other documents confirming scientific, teaching, and other qualifications;
- statement confirming that the applicant has read the information notice for job applicants
- a list of publications and conference presentations, a list of projects in which the applicant has participated;
- a declaration of consent to the processing of personal data contained in the job offer in accordance with the Personal Data Protection Act of 10 May 2018 (Journal of Laws of 2019, item 1781);
- a declaration of full legal capacity;

- a declaration of no criminal record for an intentional offense by a final court judgment;
- a declaration of no criminal record for a disciplinary penalty involving permanent or fixed-term disqualification from practicing as an academic teacher;
- a declaration on the full use of civil rights;
- a declaration whether MUT will be the primary place of employment;
- completed documents in Polish (except formal documents, e.g., certificates).

Documents must be submitted by 31.08.2026

- in person: at the office of the Faculty of Mechanical Engineering, Military University of Technology, building 62, room 43;
- by mail: Military University of Technology, Faculty of Mechanical Engineering, ul. gen. Sylwestra Kaliskiego 2, 00-908 Warsaw;
- by email: dziekan.wim@wat.edu.pl.

For additional information, please call: +48 261 837 607.

Document templates for applicants for employment at the Military University of Technology are available at: <https://bip.wat.edu.pl/ogloszenia/praca/wzory-dokumentow-dla-kandydatow>

Files sent by email containing personal data must be password-protected. After submitting the documents, please call the contact number provided and provide the password to the files.

The competition will be decided within two weeks of the application deadline. Selected candidates will be interviewed. Selected candidates will be notified by phone about the interview dates.

The competition is the first stage of the hiring procedure for academic teaching positions specified in the Statute of the Military University of Technology, and a positive result constitutes the basis for further proceedings. The final decision on the employment of the candidate selected through the competition is made by the Rector.

The University reserves the right to reject the competition without providing a reason.

The University does not provide housing.

After the recruitment process is completed, applications that do not meet the formal requirements and all other applications, except for the selected candidate's application, will be destroyed within 30 days of the recruitment process.