

FORM FOR EMPLOYERS

INSTITUTION MILITARY UNIVERSITY OF TECHNOLOGY; Faculty of Mechanical Engineering

CITY: Warsaw

POSITION: assistant professor

DISCIPLINE: mechanical engineering

POSTED: **28-01-2020**

EXPIRES: **28-02-2020**

WEBSITE: www.wat.edu.pl

KEY WORDS: mechanics, computer methods in mechanics

DESCRIPTION (field, expectations, comments):

A candidate for position of assistant professor should possess by experience in didactic and scientific work, documented by scientific achievements belonging to the discipline of mechanical engineering. A person employed as assistant professor will perform didactic tasks (will independently conduct auditorium and laboratory exercises) in the field of generally understood mechanical engineering using CAD programs and numerical calculations CAE.

Admission requirements:

- compliance with the requirements provided in art. 113 ustawy z dnia 20 lipca 2018 r. Prawo o szkolnictwie wyższym i nauce (Dz.U.2018.1669 z późn. zm.);
- scientific degree min. PhD. in Mechanical Engineering in the field of mechanics and applied computer science;
- good understanding of numerical modeling and simulation of fast changing dynamic problems of effects of blast wave on the structure using the finite element method, confirmed by publications;
- good understanding of numerical modelling and simulation of dynamic missile/warheads fragmentation problems, confirmed by publications;
- ability to use the LS-Dyna calculation code in the formulation of Multi-Material Arbitrary Lagrangian-Eulerian, confirmed by publications;
- experience in teaching in the area of e.g.:
 - ✓ technical mechanics;
 - ✓ technical mechanics with the strength of materials;
 - ✓ information technology;
 - ✓ computer simulation of linear mechanics problems;
 - ✓ computer modeling of mechanical structures and systems;
 - ✓ computer simulations of fatigue issues;
 - ✓ engineering databases;
- knowledge of issues related to experimental research of construction materials, both in the static and dynamic range. The ability to use typical testing machines will be an advantage;
- knowledge of issues related to the design and implementation of test stands for materials and structural elements in the field of high strain rates;
- knowledge of issues related to conducting experimental field tests, especially in the aspect of recording fast-changing phenomena;
- participation in research projects in the field of defense and security;
- min. two years of work experience as an constructor or scientific and technical specialist.

The competition application should include:

- a letter of application to the Rector of the Military University of Technology - candidate's questionnaire;
- CV;
- copies of diplomas and other documents confirming / proving the candidate's qualifications;
- a declaration of consent to process personal data included in the job application in accordance with the Data Protection Act of 10th May, 2018;
- a statement that the candidate/applicant has full capacity to act according to the law in force;
- a declaration of no charges within a final judgment of a deliberate crime;
- a declaration of no charges within the disciplinary procedure of the deprivation of rights to practice the profession of academic teacher on a permanent or fixed-term basis/contract;
- a declaration on the full use of civil rights;
- a declaration stating whether MUT is the core or non-core workplace for the applicant.

Documents should be submitted till February 28th 2020

- in person to the secretary's office / at the front desk
- by post: at the Military University of Technology, Faculty of Mechanical Engineering, Gen. Sylwestra Kaliskiego 2 street, 00-908 Warsaw 46
- by e-mail/fax dziekan.wim@wat.edu.pl, +48 261 837 366

Additional information can be obtained by telephone: +48 261 837 152

Document's template can be found on:

<https://bip.wat.edu.pl/index.php/praca/wzory-dokumentow-dla-kandydatow>

Formal defects that constitute an absolute ground for the rejection of a tender are lack of documents mentioned above.

The final decision regarding employment of a person selected in the course of the competition is made by the Rector of MUT.

The competition will be adjudicated no later than two weeks after the competition deadline

The application that are rejected will be destroyed by the evaluating committee.

The Military University of Technology does not provide accommodation.