

Position information – Full Professor (civilian), position no. 4

University	Military Technical Academy „Ferdinand I”		
Faculty	Faculty of Integrated Armament Systems, Military Engineering and Mechatronics		
Department	Department of Civil Engineering, Military Engineering and Geomatics		
Position no.	4		
Position name	Full Professor (civilian)		
Courses from the teaching plan	- Surveying I; - Geodetic Instruments and Measuring Methods; - Cadastre.		
Scientific field	Geodetic Engineering		
Job description	Full professor (civilian), position no. 4 The position holder has the role to carry out teaching, research and student coordination activities in the university community according to the job description sheet.		
Related duties/ activities	Carries out scientific and teaching activities according to the established teaching load; performs scientific research activities; counsels the students/course members; contributes with teaching materials to the study courses, by developing textbooks, books, scientific papers; examines and grades the training of the students and course members continuously and during exam sessions; participates at the curricular projection in his expertise domain; realizes extra-curricular activities.		
Minimum employment wage	9 370 Lei		
Competition calendar			
Publication announcement date			
Registration period			
Lecture date			
Lecture hour			
Lecture place			
Examination period			
Results communication period			
Appeal period			
Job application contest topics	Topics:		

	• Fundamental concepts of surveying: subject, classification, coordinate systems and reference surfaces. • Units of measurement used in surveying. • Maps and plans: elements, scales and uses. • Representation of terrain relief: contour lines, longitudinal and transverse profiles. • Planimetric and altimetric topographic surveys. • Classification of geodetic instruments by purpose and operating principle. • Principle of electronic distance measurement: phase method, pulse method. • Total station: components, functions and applications. • Optical and digital levels: principles and methods of use. • Modern data acquisition systems – terrestrial laser scanning. • General concepts of cadastre and real estate publicity. • Legislative framework of cadastre in Romania. • Integrated cadastre and land register system. Recommended bibliography: [1] Badea, G. - Cadastru, Editura Conspress, 2013 [2] Coșarcă, C. - Sisteme de Măsurare în Industrie, Editura Conspress, 2009 [3] Manea, R. - Topografie, Editura Nouă, 2013 [4] Onose, D. – Topografie, Editura Matrix Rom, 2004 [5] Păunescu, V., Manea, R. M., Moscovici, A. M. - Curs de Cadastru, Editura Ex Terra Aurum, 2021 [6] Paunescu, C., Nache, F., & Paunescu, V. - Topografie generală, Editura Universității București, 2019 [7] Legea cadastrului și a publicității imobiliare nr. 7/1996 (actualizată) [8] Codul Civil – Legea nr. 287/2009 – Titlul VII: Cartea funciară
Job application contest procedure	In accordance with HG 56/2024 and with the Methodology no. A10287/06.11.2025 validated by the Senate of the Military Technical Academy „Ferdinand I” on 06.11.2025. Competition file analysis, public lecture in front of the contest commission and presenting the most significant professional results and academic career development plan, from both teaching and scientific research activities point of view.
Documents list	In accordance with HG 56/2024 and with the Methodology no. A10287/06.11.2025 validated by the Senate of the Military Technical Academy „Ferdinand I” on 06.11.2025.
Address for the job applications	Military Technical Academy „Ferdinand I”, George Coșbuc Avenue, no. 39-49, District 5, Bucharest, Postal code 050141

Examination commission:

President: Prof. univ.dr.ing. Pamfil Șomoiaș – Military Technical Academy „Ferdinand I”

Members: Prof.univ.dr.ing. Constantin Moldoveanu – Technical University of Civil Engineering Bucharest
Prof.univ.dr.ing. Gheorghe Badea – Technical University of Civil Engineering Bucharest
Prof.univ.dr.ing. Raluca Manea – The University of Agronomic Sciences and Veterinary Medicine of Bucharest
Prof.univ.dr.ing. Cornel Păunescu – University of Bucharest

Alternate members: Prof.univ.dr.ing. Ana Badea – Technical University of Civil Engineering Bucharest
Prof.univ.dr.ing. Ioel Vereș – Technical University Cluj Napoca

Appeals commission:

President: Prof.univ.dr.ing. Liviu Matache – Military Technical Academy „Ferdinand I”

Members: Prof.univ.dr.ing. Dan Răducanu – Military Technical Academy „Ferdinand I”
Prof.univ.dr.ing. Mihai Herbei – The University of Agronomic Sciences and Veterinary Medicine of Timișoara
Prof.univ.dr.ing. Tudor Sălăgean – The University of Agronomic Sciences and Veterinary Medicine of Cluj Napoca
Prof. univ.dr.ing. Luciana Oprea – University „1 Decembrie 1918” Alba Iulia

Alternate members: Prof.univ.dr.ing. Sorin Nistor – University of Oradea
Prof.univ.dr.ing. Ersilia Oniga – Technical University „Gh. Asachi” Iași