

	Description
University	„Aurel Vlaicu” University in Arad
Faculty	Engineering
Department	The Department for Automatics and Industrial Engineering in Textiles and Transportation
Position in the organisational chart	8 professor
Academic Position	Professor
Disciplines taught from the curriculum	<ol style="list-style-type: none"> 1 Machine tools and mechanical processing 2. CAD/CAPP/CAM Systems 3. Basics of computer-aided design 4. Fundamentals of generating surfaces on machine tools
Scientific Field	Industrial Engineering
Description of open position	<ol style="list-style-type: none"> 1 Machine tools and mechanical processing: II nd year, II nd sem, TCM (BA), 2C +2L 2. CAD/CAPP/CAM Systems I+II, IV rd year, I+ II sem,TCM, (BA) 8L 3. Basics of computer-aided design: IV th year, II nd sem, (BA),2C+4L 4. Fundamentals of generating surfaces on machine: III rd year, II nd, TCM (BA),2C
Responsibilities	<ol style="list-style-type: none"> 1. Educational activities: <ol style="list-style-type: none"> a) Teaching activities; b) Seminar teaching, practical and laboratory work, guiding annual projects; c) Guiding the elaboration of B.A. papers; d) Guiding the elaboration of theses; e) Other educational, practical and scientific research activities present in the teaching curriculum; f) Assessment activities; g) Tutoring, consulting, guiding of scientific student circles; h) Scientific and method preparation, as well as other activities conducted in the interest of better teaching; i) Participation in all activities organized by the department, faculty and/or university; j) Participation in councils and committees in the interest of education; 2. Research activities: <ol style="list-style-type: none"> a) Activities in the research centre, that are mentioned in the internal educational plan; b) Initiating, developing and monitoring programs and projects; c) Participating in conferences, scientific sessions, with the purpose of disseminating results of research activities; d) Elaboration and publication of articles, discourses, monographies, and specialised papers, as mentioned in the internal educational curriculum.
Salary	7819 lei
Date of publication of the opening in the Official Monitor	Monitorul Oficial nr. 143/30.IV.2024 partea a III a

Beginning and closing date for accepting applications	30.04.2024 -27.08.2024
Date and time of presentation	19.09.2024 -time10.00
Date didactic presentation (if needed)	19.09.2024- time 11.00
Venue	„Aurel Vlaicu” University in Arad, Complex „M”,str. Elena Dragoi, nr.2, room 326
Date for communicating results	19.09.2024
Beginning and closing dates for appeals	19.09.2024-23.09.2024
Solving the appeals term	Maximim 2 days after the appeal registration
Advise of results in Faculty border. Administration bordes and UAV Senate	25.09.2024-26.09.2024
Thematics for contest sessions	<p>Tool machinery: mecanical components, electrical components, hydraulic components, chains of movement, structures, different type of machines on the cutting procedure(Mașini unelte: componente mecanice, electrice, hidraulice, lanturi cinematice, structuri, mașini pentru diferite procedee)</p> <p>CAD CAM CAPP</p> <p>Basics of computer-aided design: reference systems, line types, positioning functions, contour functions, transformation functions</p> <p>(Bazele proiectării tehnologice asistate de calculator: sisteme de referință, tipuri de linii, poziționarea, funcții de contur, funcții de transformare)</p> <p>Fundamentals of generating surfaces on machine theory about generating surfaces ,chains of movement (Bazele aşchieriiGenerarea teoretică a suprafețelor, lanțuri cinematice)</p> <p>Bibliogaphy:</p> <ol style="list-style-type: none"> 1. Masini unelte si prelucrari prin aschiere Constantin Buzatu, Badea Lepadescu Editura Maxtrixom 2016 2. Masini unelte - constructie si cinematica Korca Zoltan Editura Eftimie Murgu 2015 Korca Zoltan 3. Integration of CAD/CAPP/CAM Jyandin Sue Editura Degruyter 2020 4. Tehnologii digitale CAD-CAM-CAE in instalatia Materia Timpului de Richard Serra traducere Septimiu Jugrestan 5. Sisteme CAD/CAM algoritmi si programe CAD-T Nicolae-Valentin IvanEdi tura: Didactică și Pedagogică 2009 6. Fundamentele proiectarii asistate de calculator Autor(i): Gabriel Andrei , Laurentia Andrei Editura Tehnica 2001 7. Proiectare tehnica asistata de calculator Florina Popa Editura: Politehnica 2017 8. Cozminca M., Bazele aschierii, Ed. Gh. Asachi, Iasi, 1995

	9. Oprean A., Bazele generarii suprafetelor, Ed.Did. si Ped., 1980
Description of contest procedures	<p>The general standards related to the professor function are minimum and mandatory requirements in applying for the occupancy competition for the position.</p> <p>The applicant must cumulatively fulfil the requirements of national minimum standards and the standards of the university for each teaching and research position targeted</p> <p>The applicant must also fulfil the specific conditions for the targeted position:</p> <ul style="list-style-type: none"> - A graduate of Engineering Faculty, undergraduate study program: TCM (or equivalent) - PhD in Industrial Engineering -Habilitation certificate in Industrial Engineering <p>The competition for a professor position consists of:</p> <ul style="list-style-type: none"> • Analysis of the file submitted for the contest; • supporting a public lecture for minimum 45 minutes in which the candidate presents the most significant professional results and the university career development plan. In compulsory it will contain a questioning session from the commission and from the public (the candidates not coming from higher education must support a didactic lecture with the students, in front of the committee . Its theme is announced to the candidates with 48 hours before the contest by e-mail and on the website of U.A.V.) <p>The contest committee will evaluate the candidate in conformity with the following aspects:</p> <ul style="list-style-type: none"> - the fulfil of the minimal criteria required by CNATDCU and U.A.V. - relevance and impact of the candidate's scientific results; - the candidate's ability to guide students and young researchers; - the didactic capacity of the candidate for those positions that entail didactic activities; - the candidate's capacity to transfer knowledge and results to the economic or social field or to disseminate his/her own scientific results; - the candidate's capacity for team work and his/her efficiency in scientific collaborations, according to the specifics of the teaching field; - the candidate's capacity to lead research and development projects; - the candidate's professional experience.
List of required documentation	<ol style="list-style-type: none"> 1. Cover page of the file 2. Content page 3. Request to participate in the contest, signed by the candidate, which will include a signed statement validating all information provided in the file. 4. Copy of Monitorul Oficial with the announce of contest nr. 143/30.IV.2024 partea a III a 5. Proposition for developing his/her university career, from a didactic as well as scientific point

	<p>of view; the proposition will be written by the candidate on max. 10 pages, this being one of the criteria used to differentiate between candidates.</p> <ol style="list-style-type: none"> 6. Candidate's curriculum vitae, both in printed and electronic format (CD). 7. Candidate's list of written works, both in printed and electronic format (CD). 8. The verification list for fulfilling university standards, which are present in the university contest methodology, available on the university website. The verification list will be filled in and signed by the candidate. 9. Documentation referring to owning a doctorate's degree, one legalized copy of the aforementioned degree, or, if the original diploma is not officially recognized in Romania, a notary document attesting to its validity. 10. Documentation referring to owning a habilitation certificate 11. A one-page summary of the doctorate's thesis and habilitation thesis, in Romanian and a language of international circulation. 12. Candidate's declaration indicating possible incompatibility situations present in the 1/2011 Law that he/she would be in, should he/she win the contest. 13. Copy of Baccalaureate diploma 14. Copy of University diploma and attached file with marks 15. Copies of any other diplomas that attest the candidate's studies 16. Legalized copy of Certificate issued by the Department for teaching staff training level II 17. Copy of certificates of competent atestation 18. A copy of the candidate's ID. If the candidate does not possess an ID, a copy of his/her passport or any other identification document.(If the candidate has changed his/her name, copies of documents that attest the change, i.e. a legalized copy of the marriage certificate or proof of name change) 19. Copy of birth certificate 20. A maximum of 10 published works, patents or papers that were written by the candidate and are the most relevant for his/her professional achievements, in electronic format. 21. List with names and contact information of 3 recognizes professors who wrote recommendation letters and the letters of
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	recomandsation 22. Criminal record certificate 23. Certificate of behavior integrity 24. Medical certificate, issued on a specific form adopted by joint order of the Minister of Education and the Minister of Health 25. The medical advise for exercising the teaching profession 26. CD with all documents
Address for submission of contest file	Universitatea Aurel Vlaicu Arad b-dul Revolutiei nr.77, Arad
Contest Committee	
Appeal Committee	
Methodology	AVU's own methodology, presented on the AVU website. M03

Arad 21.05.2024

Dean,

Univ. Conf. Dr. Eng. Glăvan Dan Ovidiu

Drawn up,

Department Director

Univ. Conf. Dr. Eng. Muller Valentin