



is recruiting an associate professor / professor in **MECHANICAL DESIGN, SYSTEMS ENGINEERING and MECHATRONICS**

If you want to be part of a dynamic and challenging team, leader in shaping the future of industry 4.0/ in accompanying the transformation of industry for a better society respectful of the individual and the environment:

➡ **join [Arts et Métiers campus de Rabat](#), its *Evolutionary Learning Factories* project and the vibrant campus around the development and management of industrial systems.**

Arts et Métiers Campus de Rabat

Arts et Métiers campus of Rabat, a co-development project between the **Ministry of Industry and Commerce** in Morocco and **Arts et Métiers** in France, is a public higher education institution, managed by a Foundation with private status. **Arts et Métiers campus de Rabat is organized along the same model as the 8 French campuses of Arts et Métiers in accordance with French regulations to allow the award of Arts et Métiers diplomas, and in accordance with the Moroccan regulations to allow the award of national diplomas.**

Arts et Métiers campus of Rabat aims to become a driving force and a relay for North-South and South-South cooperation in the fields of higher education, research, innovation and technology transfer. It will be built around an Evolutionary Learning Factory, a set of technological platforms showcasing the new technologies for a sustainable industry around which the three pillars of the campus: Training, Research and Entrepreneurship. The Bachelor of Technology / Professional License and Engineer degree began in September 2023. The objective of Arts et Métiers campus of Rabat is to reach 1,000 students.

To strengthen its academic team, Arts et Métiers campus of Rabat is recruiting an associate-professor / professor specialized in **Mechanical Design, Systems Engineering and Mechatronics**, with teaching and research experience (international experience would be an advantage), a good knowledge of industrial economic realities.

Profile and skills required

Systems design and engineering, CAD, collaborative digital mock-up management, multi-criteria optimization, virtual and augmented reality, systems modeling & control, systems integration combining mechanics, electronics, automation and IT.

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Academic

You will mainly teach collaborative **design, systems engineering, component and system sizing and mechatronics** in a context of **eco-design and sustainable development** of human activities.

You will develop and implement new teaching methods at both undergraduate and graduate levels (project-based learning, reverse pedagogy, e-learning, MOOC,) as well as in continuous education programs.

You will actively participate in the Evolutive Learning Factory through the transfer of research results into the academic programs.

You will supervise undergraduate projects, graduate (Master) and postgraduate (PhD) students in conducting their research activities

Research

You will integrate and participate in setting up the S3I (*Industrial Systems Development and Management*) research center of Arts et Métiers campus of Rabat, while benefiting from a privileged partnership with one of the [Arts et Métiers laboratories](#) that best matches your expertise. Therefore, you will collaborate to develop scientific research at the highest level, in connection with the industrial environment.

Strategic project

You are motivated to:

- effectively use the results of research activities in teaching and training;
- participate in the design and definition of an Evolutive Learning Factory by developing a reconfigurable, safe and efficient production system, and in particular on the capture and processing of data for its monitoring and management;
- develop a research activity in strong connection with industrial issues,
- secure additional funding from national and international funding agencies and industry to support your research activities and that of the research laboratory, with support from the A&M external partnership team.



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Your profile

- PhD in the areas described in the job profile;
- Numerical methods expertises;
- Excellent interpersonal skills;
- Very good teamwork skills;
- Ability to teach in both French and English.

Desired experiences

- Practice of innovative teaching methods in learning;
- International experience;
- Research activities in partnership with the industry.

To apply

Submit your application on the website of [Arts et Métiers campus of Rabat](#),
before January 2nd 2025.

Your application file will include:

- a copy of your ID
- a CV detailing background, significant experiences and scientific production
- a motivation letter (1 page maximum) including the research integration project,
- a list of training supports (providing one or more examples of support type would be an advantage)
- the contact details of 2 academic referees