




Founded in 2004, the AMES Group is known as a true one-stop-shop in the aviation industry. Airlines, Aircraft Owners and other Service Providers to the Aviation Industry trust in our services - from the first idea to the finished product in the aircraft.

## Student Internship with the option for a follow-on Bachelor's / Master's Thesis

### Virtual Reality Showroom for Aircraft Cabin Products

 Immediate start possible, Internship duration 3 to 6 months

 PEGGAU, Austria

We are delighted to announce an exciting opportunity for aviation students from our partner universities FH JOANNEUM Graz & Universidad Politécnica de Madrid to participate in a vocational internship program in Austria. As a renowned organization specializing in aircraft cabins, we are eager to integrate virtual reality (VR) technology into our design and sales processes to enhance customer engagement and visualization.

The objective of this vocational internship program is to develop of a virtual reality showroom to enable customers to experience our cabin products as if already installed in the relevant aircraft configuration. We invite you to take part in this program, where you will have the opportunity to make significant contributions to cutting-edge technology while gaining invaluable hands-on experience that can be utilized

#### Key Facts

##### 1. Research and Evaluation

- Conduct comprehensive research to identify the most suitable VR solution for our virtual showroom.
- Evaluate various VR equipment options, with a preference for the Meta Quest 2 or an equivalent VR headset.
- Assess compatibility, functionality, and affordability to determine the optimal VR solution for our specific requirements.

##### 2. VR Showroom Development

- Collaborate with our design and engineering teams to understand and define the necessary specifications and requirements for the virtual showroom.
- Design an immersive and user-friendly VR showroom interface that replicates the aircraft cabin environment.
- Integrate interactive features that allow customers to explore and interact with virtual representations of our products.

##### 3. Implementation in Design Process

- Research and propose strategies for integrating the virtual showroom into our current design process.
- Identify opportunities to enhance design visualization, iteration, and customer feedback using VR technology.
- Develop a framework for seamless integration of VR into the design workflow to streamline the overall process.

#### 4. Materials and Support

- ☑ AMES will provide the necessary VR equipment, such as VR glasses, after consultation with the selected students. The preferred equipment is the Meta Quest 2 or an equivalent model.
- ☑ Access to design tools, software, and technical guidance from our experienced professionals.
- ☑ Collaboration opportunities with interdisciplinary teams and exposure to the aviation industry.

#### 5. Outcome

- ☑ A fully functional virtual showroom that allows customers to experience our products within the aircraft cabin environment.
- ☑ Enhanced design processes through the integration of VR technology.
- ☑ A well-documented and research-oriented bachelor's or master's thesis that showcases your expertise in the field.

#### 6. Follow-on Bachelor's / Master's Thesis

- ☑ Utilize the internship project as a foundation for your bachelor's or master's thesis.
- ☑ Conduct in-depth research, analyze data, and draw conclusions regarding the effectiveness of the virtual showroom in enhancing customer experience and design processes.
- ☑ Document and present your findings, recommendations, and future implications in your thesis.

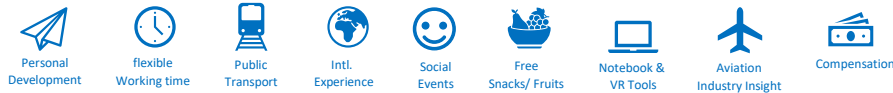
#### 7. Duration

- ☑ The vocational internship program will have a duration of 3 to 6 months. The exact timeline can be agreed and tailored to align with your academic requirements.
- ☑ A potential follow-on Bachelor- / Masters Thesis can either be accomplished on-site AMES in Austria or through a Hybrid working model.

---

## What we offer

- ☑ Young and result oriented team members
- ☑ Settlement support in Austria / City of Graz
- ☑ Financial compensation to be agreed and negotiated
- ☑ Possibility to transfer the internship into a permanent working contract after graduation



---

We encourage aviation students from our partner universities FH JOANNEUM Graz & Universidad Politécnica de Madrid with a passion for innovation and virtual reality to apply for this internship program at AMES.

Please submit your resume, cover letter, and any relevant academic transcripts or portfolio to [services@ames.co.at](mailto:services@ames.co.at).

Shortlisted candidates will be invited for an on-site or remote interview to further discuss the internship program.

**Join us in shaping the future of aircraft cabin design and customer experience through the power of virtual reality!**

### Ready to join our team?

We are looking forward to receiving your application & CV per mail: [services@ames.co.at](mailto:services@ames.co.at)

AMES – Aerospace and Mechanical Engineering Services GmbH, Grazerstrasse 20a, 8120 Peggau, Austria ([www.ames.aero](http://www.ames.aero))

