



European Initiative for the exchange of young officers inspired by Erasmus

Implementation Group

The Chairman

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Wiener Neustadt, the 28th of January, 2025

Dear Members of the Implementation Group!

The Austrian Theresan Military Academy tries a new way of internationalisation by offering a "*visiting lecturer*" to your institution for one semester.

It should take place during the **winter semester 2026** – but to pave a coordinated way, the initial steps should be done as soon as possible.

It will not cost you anything; details of execution should be discussed, preferably during an IG meeting.

The expert is from the ICT-field, all the details of his expertise you may find on the next pages of this document.

In case you are interested in, please get in contact with me.

Yours sincerely,



Gernot SCHUKAN

Year of birth: 1975
Marital status: Married



Senior lecturer for network technologies and system architectures with an academic background in business informatics and information technologies, paired with extensive professional experience in (military) IT operations and projects, as well as business management concerns such as strategy and project development.

I am looking for a temporary teaching position in higher education for the winter semester 2026/2027, where I can leverage my skills in translating complex issues in the fields of information technology and business administration into understandable and tangible lectures for students. As a former professional soldier in the command support branch of the Austrian Armed Forces, I can contribute a lot of practical experience in the technical and organisational implementation of IT projects. In the field of business administration, I was able to gain similarly valuable experience for field-oriented teaching during my civilian position in strategy and project development in the infrastructure department of the Ministry of Defense. I have been able to pass on this experience along with my academic knowledge to students at the Theresan Military Academy for the past two years in the subjects of web technologies, IT systems and several lectures with a focus on applying artificial intelligence in qualitative research methods. I am eager to expand my teaching experience with the intended international semester, where I hope to learn in and from a new cultural and professional environment.

Work Experience

Senior lecturer for network technologies and system architectures at the Theresan Military Academy, University of applied sciences bachelor's degree program in military information and communication technology leadership, 2023 – present

- Module coordinator and lecturer for web technologies (4 ECTS): Students are taught all aspects of full-stack web development: Front-end development with Hypertext Markup Language (HTML), Cascading Style Sheets (CSS) and JavaScript for dynamic contents. For the Back-end development we primarily use PHP and various connectors to relational databases.
- Module coordinator and lecturer for IT systems (4 ECTS): Students are introduced to the basics of developing, introducing, operating and replacing IT systems. This includes the basics of general system theory as well as the presentation of various computing, storage and virtualisation technologies, software and system development methods, IT system architectures and physical IT security and IT project management.
- Various teaching assignments in the field of scientific work with a focus on engineering and the application of artificial intelligence (AI) in the scientific process.
- The teaching described above is accompanied by research work on the use of AI in didactics and in qualitative research methods such as content analysis. For example, a chatbot similar to Open-AI's Chat-GPT was developed as a tutoring system for the systems theory course. A chatbot on the topic of military tactics is an ongoing research project.
- Furthermore, I am a member of the didactics committee at the Military Academy and am involved in the introduction of an AI infrastructure for the ministry with a focus on academic use.



Desk officer in the infrastructure department of the Ministry of Defense, 2017 - 2023

- Project and program management of infrastructure projects
- Development of a business management control concept for the infrastructure branch
- Development of a web-based information system for the infrastructure branch
- Several teaching appearances for business management content in internal training courses

Education

Master's degree (in German: Diplom-Ingenieur für wissenschaftlich-technische Berufe) in business informatics and information technologies, Bachelor's degree (Bachelor of Science in Engineering) in business informatics, University of applied sciences Campus 02, Graz – Austria

Military education in the command support branch

Skills and Expertise

Business informatics: Project and process management, information systems, digital business models, software design, IT service management, IT infrastructure management, general management, accounting and managerial accounting, marketing, IT sales, quality management

Information technologies: Web technologies (HTML, CSS, JavaScript, PHP, markup languages, etc.), networking technologies, databases, programming (C#, Java, Python, etc.), business intelligence, information security, artificial intelligence

Research: Impact of information systems on corporate culture, usability of business software, utilisation of large language models in didactics respectively in military tactics

Language skills: German, English NATO-(BILC) 3/3/3

