

Full Names
Frans Frederik Blauw

Nationalities
Dutch & South African

Country of Residence
The Netherlands

EXPERIENCE

HZ University of Applied Sciences

Middelburg, Zeeland, The Netherlands

May 2021 – present

Lecturer, HBO-ICT

- Course owner and examiner for several courses at a first-year level focussing on introductory knowledge and skills across several topics: computer science, object-oriented programming, software engineering lifecycles, project management, business analysis, requirements elicitation, and professional development.
- Subject matter expert serving as coach and examiner to third-year internship students and fourth-year project groups and graduating students that focus on software engineering or information security.
- Coordination of software engineering first-year student project teams, ensuring team formation, mentorship, and project execution align with both industry demands and academic requirements.
- Established and currently head of the programme Curriculum Committee, overseeing the development and continuous improvement of the curriculum.
- Member of the HBO-ICT Programme Committee and Examination Committee.
- Study career coach for first-year students offering guidance in navigating their personal, academic and career paths.

University of Johannesburg

Johannesburg, Gauteng, South Africa

January 2012 – April 2021

Lecturer, Academy of Computer Science and Software Engineering

- Designed curricula for and taught several courses at third- and fourth-year levels across a wide array of topics: software engineering, information security, cryptography, digital forensics, as well as ethical hacking. All courses emphasised hands-on learning and real-world applications.
- Coordinated software engineering third-year student project teams, managing team formation, mentorship, and the project lifecycle from inception to completion. Ensured projects aligned with industry requirements and academic standards.
- Co-organised the annual Projects Day, a notable event that showcases third- and fourth-year student projects to industry professionals and the public. Coordinated the event by securing industry judges, preparing teams and students, and managing the complete judging process with a complete digital judging system.
- Mentored and coached numerous project teams and individual students.
- Member of the departmental team responsible for securing accreditation from BCS, The Chartered Institute for IT.
- Member of Faculty Teaching & Learning Committee overseeing the curriculum across the entire Faculty of Science.
- Awarded the Faculty of Science Teaching and Learning Excellence Award in 2019 for innovative integration of project-based learning and modern technology in the classroom.

List of publications available on Google Scholar: <https://blauw.link/scholar>

EDUCATION

PhD Computer Science (Information Security)

Promotor: Prof SH (Basie) von Solms, PhD FBSC CITP

University of Johannesburg, Johannesburg, South Africa

MSc Information Technology (Information Security)

University of Johannesburg, Johannesburg, South Africa

BSc (Hons) Information Technology

University of Johannesburg, Johannesburg, South Africa

QUALIFICATIONS

Senior Examination Qualification (SKE)

in progress

Basic Examination Qualification (BKE)

April 2023

SKILLS

Languages English (native), Afrikaans (native), Dutch (conversational)

Technical TypeScript & JavaScript, PHP, C#, C++, Python, MySQL, SQLite, HTML & CSS, NodeJS, Docker, Server administration, Serverless, Cloud computing, GitHub & Git

Security Secure software development, Identity management, Digital forensics, Social cybersecurity, Cryptography

Soft Skills Public speaking and presentation, Project management, Agile, Business analysis