

Job Profile: Lecturer in Computer Programming

Position Title: Lecturer in Computer Programming

Institution: Belgium Campus ITversity

Location: Pretoria, Stellenbosch, Kempton Park - South Africa

Employment Type: Full-Time

Application Deadline: 2025-07-31

About Us:

Belgium Campus ITversity is a private higher education institution committed to excellence in teaching and research in field of Information Technology and Computing. Our Computer Programming department is a dynamic and rapidly growing department, integral to our diploma and degree programmes. We are seeking passionate and experienced individuals to join our team as Lecturers in the Computer Programming department. Given the rapid advancements and evolving landscape of computer programming, it is imperative to recruit lecturers who possess specialised knowledge and skills to ensure the highest standards of education.

Overview of the Computer Programming Department:

The aim of the Computer Programming department at Belgium Campus iTversity is to develop relevant knowledge, technical skills to design, code and deploy applications using different programming languages. An important aspect of computer programming is the ability to code and integrate applications using different technology stacks. The modules in our Computer Programming portfolio encompass the following areas:

- Programming using C#
- Programming using Java
- Web Development
- Systems Analysis and Design
- Software Engineering
- Software Testing
- Scripting

Key Responsibilities:

Our academic staff are expected to provide not only provide theoretical knowledge but also offer practical insights and hands-on experience, preparing our students for successful careers in software development.

- Ensure the quality of teaching and learning relevant modules within the Computer Programming department.

- Prepare and deliver engaging lectures, facilitate classroom discussions, manage classroom dynamics, provide relevant assessment feedback, and contribute to the overall student learning experience.
- Develop and manage learning content including lecture slides, assignments, exercises, and memos
- Train students in various technologies in the software development domain, ensuring alignment with module outcomes.
- Set, grade and moderate various assessments including assignments, tests, and examinations according to Belgium Campus iTversity assessment policies.
- Provide academic support including identifying students at risk, referring them to the counsellors in the student support department, and taking remedial actions.
- Participate in staff development initiatives such as workshops and guest lectures.
- Engage in faculty activities as assigned by faculty management.
- Provide expert knowledge and guidance to students undertaking software development projects and dissertations.
- Maintain current knowledge of industry trends and advancements in software development.
- Collaborate with colleagues on curriculum development and review.
- Engage in research activities to contribute to the academic community.

Key Competencies and Skill Sets:

Not all the skills and competencies below are required, but candidates with a larger set of skills will be preferred.

- Excellent knowledge of relevant subject areas within the Computer Programming department.
- Excellent student engagement and classroom management skills.
- Excellent understanding and application of Object-Oriented Programming principles.
- Excellent understanding of Systems Development Life Cycle, agile methodologies, software engineering principles.
- Proficiency in C# programming language, both Console and Windows Form applications.
- Web Development skills, HTML, CSS, JavaScript etc.
- Working knowledge of relational databases like SQL.
- Working knowledge of cloud technologies and platforms.
- Ability to manage courses, develop assessments and use Moodle LMS effectively.
- Ability to use collaboration and content management software such as Microsoft Teams and SharePoint.

Technical Skills

The above position requires a diverse mix of technical skills, and selection of candidates will be based on the current skillsets as well as the potential to learn new skills. Successful candidates will be assigned to modules that align with their greatest competences. The following are some of the technologies used in the Computer Programming department:

- Programming languages: C#, Java, Python.
- Web Technologies: HTML, CSS, JavaScript, React, Node
- Databases: SQL, Access, MySQL
- Cloud Platforms: Azure, AWS, Google Cloud
- Version Control Systems: GitHub, Azure DevOps

Preferred Qualifications:

- A relevant post-graduate qualification in Computer Science, Information Systems, Information Technology, or a related field. Master's or PhD degree holders are preferred. Candidates studying towards Master's or PhD degrees will also be considered.
- Relevant teaching experience at the tertiary level.
- Industry experience in software development, information systems planning, web development, or cloud development.
- A track record of research and publications in relevant areas.

How to Apply:

Interested candidates should submit the following documents to vacancies@belgiumcampus.ac.za

- A cover letter outlining your suitability for the position.
- A detailed curriculum vitae (CV).
- Copies of academic qualifications.
- Contact information for three professional references.

Contact Information:

For further inquiries, please contact vacancies@belgiumcampus.ac.za.

Belgium Campus ITversity is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.