

Academic Staff Member- Information Technology Tutor

Position purpose

We are seeking an experienced and motivated Information Technology Tutor to teach across our Information Technology programmes. The position has a strong technical focus, particularly in full stack web development, software development, databases and information systems.

The successful applicant will bring current technical and industry knowledge into the classroom and provide students with practical, applied learning that prepares them for employment in the IT industry.

Teaching responsibilities

The successful applicant will have practical knowledge and teaching capability across areas including full stack web development, front end and back end development, HTML, CSS, JavaScript, modern web frameworks, Web APIs and REST services.

The role will also teach relational database design, data modelling, normalisation and SQL, including database creation, queries, joins, data manipulation and database integration.

Applicants must have a sound understanding of software development practices, including requirements gathering, solution design, coding, testing, debugging, version control, Agile development, DevOps and the software development lifecycle.

The position will also contribute to teaching information systems, including how technology, people, processes and data are used to support organisations and solve business problems.

Student learning and support

The Tutor will provide practical guidance to students through labs, assessments and software development projects. This includes supporting students with problem solving, debugging, application development, database implementation and the application of software development practices.

The successful applicant will be expected to create an inclusive learning environment, monitor student progress and provide timely and constructive feedback that supports student achievement.

Industry engagement

Maintaining strong links with the IT industry is an important part of the role. The successful applicant will bring current industry practices, technologies and real world examples into their teaching and contribute to keeping our programmes relevant to the changing needs of the IT sector.

Industry experience in software development, web development, database technologies, systems analysis or related areas would be an advantage.

Engaging in research

The successful applicant will be expected to actively contribute to the research culture of the school. This includes maintaining or developing an active research profile, participating in research projects and contributing towards academic publications, conferences or other recognised research outputs.

Candidates who do not already hold a Master's qualification will be expected to work towards completing a relevant Master's degree. Applicants who already hold a Master's or higher qualification will be expected to continue developing their research capability and contribute to the research activities of the school.

Te Tiriti o Waitangi

The successful applicant will contribute to Wintec's responsibilities and obligations under Te Tiriti o Waitangi and demonstrate an understanding of how these responsibilities apply within tertiary education.

This includes supporting culturally responsive teaching practices, creating an inclusive learning environment for Māori learners, recognising mātauranga Māori where appropriate, and contributing to practices that support equitable outcomes for Māori students.

Qualifications and experience

Applicants should hold a relevant qualification in Information Technology, Computer Science, Software Engineering or a closely related discipline. A Master's qualification is preferred, although applicants who are working towards a Master's will also be considered.

The successful applicant should demonstrate practical capability in areas such as full stack development, JavaScript, web technologies, SQL, relational databases, software development and information systems.

Industry experience is highly desirable. Previous tertiary teaching experience would be an advantage, particularly experience teaching practical programming, database or software development courses.

Key skills and attributes

The successful applicant will have strong technical knowledge combined with the ability to explain complex IT concepts clearly to students at different levels of study. They will be comfortable working in practical lab environments and supporting students through the development and troubleshooting of software solutions.

They will have good communication and interpersonal skills, work effectively as part of an academic team, and be willing to contribute to programme development, assessment, moderation, research and the wider activities of the school.