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| <p><b>Title:</b></p><br><p><b>The Role:</b></p> | <p><b>Assistant Lecturer in Building Information Modelling - Permanent Whole Time (PWT)</b></p> <p>The Department of Building &amp; Civil Engineering is one of three departments in the School of Engineering and presently has over 500 students on level 6, 7, 8, and 9 programmes in the built environment.</p> <p>It is expected that the lecturer will have a background in a discipline area of the Built Environment and have advanced software application skills for construction including CAD and Building Information Modelling (BIM). The lecturer will teach on Level 6, 7 and 8 programmes in Architectural Technology, Construction Management, Civil Engineering, Quantity Surveying and the Postgraduate Higher Diploma in Engineering in BIM in the Department of Building &amp; Civil Engineering. The delivery of the software skills will be through project-based learning on complex structures, which will require a specialist expert knowledge and experience of construction technology, detailing and current building regulations. The lecturer will join a multi-disciplinary team working in a challenging and ever-changing environment delivering programmes on new construction technologies to enthusiastic and highly motivated full-time and part-time students through a variety of modes, including online delivery of programmes.</p> <p>The lecturer will be part of a curriculum development team researching and developing a range of disciplines in the Department’s suite of engineering and construction sector focused programmes at undergraduate and postgraduate levels. He/she will be challenged with maintaining and delivering up to date information and technical know-how in a rapidly changing building industry environment. To inform this work, it is envisaged that the appointee will foster close working relationships with local and national construction organisations and other industry professionals. The lecturer will be expected to develop ‘best practice’ pedagogic methods that enhance the student’s learning. The teaching emphasis in the department is on the development of relevant skills through the use of industry standard computer applications and techniques on construction projects. The Autodesk Building Design Suite of software is installed and used throughout the department. Pedagogic staff development is encouraged, and cognate qualification progression is also supported.</p> <p>A significant part of the lectureship responsibility involves research and it is expected that the successful candidate will bring a strong interest and capacity for research. The lecturer will be expected to participate in strengthening the existing research teams aligned to the Institute’s research priorities. These teams are expected to seek external research funding, foster strong relationships with industry and stakeholders, and disseminate the work of the team to establish a reputation with stakeholders. In doing so, the candidate will be expected to supervise postgraduate students.</p> <p>The post-holder will be responsible to the Head - Department of Building &amp; Civil Engineering.</p> |
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| <b>Title:</b>        | <b>Assistant Lecturer in Building Information Modelling - Permanent Whole Time (PWT)</b>  |
| <b>Location:</b>     | Galway  |
| <b>Reporting To:</b> | Head of Department  |
| <b>Requirements:</b> | <p><b>Minimum:</b></p> <ul style="list-style-type: none"> <li>• An Honours degree (2.2 or higher) in a relevant Built Environment or cognate Technology discipline Level 8 degree [as specified in the National Framework of Qualifications (NFQ)], or equivalent.</li> <li>• Three years relevant post-qualification experience in the construction sector.</li> <li>• The recommended candidate must also pass a medical examination prior to taking up duty.</li> </ul> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>• Relevant teaching and research experience, including on-line programme design and delivery</li> <li>• Excellent communication and presentation skills</li> <li>• Good interpersonal skills and an ability to work in teams.</li> <li>• A Post-graduate or Master’s degree in a cognate Built Environment or Technology discipline, Building Information Modelling, Lean Construction, Construction and Project Management, or other relevant areas.</li> <li>• Experience in modelling projects to the highest standard of accuracy, detail and presentation in terms of building fabric and services.</li> <li>• Expert knowledge of construction technology and current Building Regulations along with considerable proven experience using a range of software as it applies to architecture, construction, civil and environmental engineering and Quantity Surveying on large commercial projects.</li> <li>• Knowledge and experience using project software for architecture, engineering and construction to holistically review integrated models and data.</li> <li>• Knowledge and experience using a range of software for quantity take off, environmental analysis and computerised facilities management systems.</li> <li>• Familiarity with the regulatory environment as it applies to the construction industry and processes</li> <li>• Professional membership of relevant professional body.</li> </ul> |

**Duties:**

The appointee will play an active role in the academic direction of courses including teaching, research, academic assessment and academic administration. The appointee should carry out such duties as are assigned to him/her in accordance with collective agreements arrived at from time to time and authorised by the Minister for Education and Skills including but not limited to:

- (a) Teaching such assigned classes as deemed appropriate by the management of the Institute, day or evening, up to 630 hours per annum including supervision of post-graduate students where appropriate. There will be a norm of 18 class contact hours per week, which may be varied by Institute management from 16 to 20 following consultation with the Assistant Lecturer.

A weighting of 1.25 will apply to hours worked after 6 p.m.

(These arrangements are subject to collective agreements arrived at from time to time and authorised by the Minister for Education and Skills).

- (b) Carrying out assessment, monitoring and evaluation of examinations work, and providing an academic and consultative support to students in their learning activities;
- (c) Providing academic input on existing and new courses and course development;
- (d) Engaging in research, consultancy and development work as appropriate;
- (e) Participating in committees appropriate to courses and meetings convened by management;
- (f) Maintaining appropriate records and making available information as required by management;
- (g) Engaging in promotion including student recruitment as appropriate;
- (h) Participating in the development, implementation and maintenance of academic quality assurance arrangements;
- (i) Participating in appropriate activities necessary to the development of their department/school and of the Institute;
- (j) Directing and supervising the work of Tutor/Demonstrator and taking academic responsibility for the academic standards of this work. When an Assistant Lecturer is supervising a Tutor/Demonstrator a reduction in teaching hours will be applied on the basis of a one-hour reduction per three hours demonstration/tutorials supervised.

The performance of these duties will require attendance in addition to class contact hours during the normal working week.

The appointee shall carry out the lawful instructions of the President (or authorised Officer) and comply with the requirements and regulations of the Minister for Education and Skills.

**Progression:**

Assistant Lecturers will progress to the grade of Lecturer on completion of one year's service after having reached the maximum of the Assistant Lecturer scale subject to a minimum of five years continuous service in the grade subject to ability, experience, academic qualifications, scholarship and demonstrated performance. Possession of an appropriate defined post graduate qualification or equivalent shall normally be considered an essential requirement. Institutes may award incremental credit for previous service in the Assistant Lecturer grade in another Institute or University. The Institute may require five years' service in the Institute before progression is considered.

An Assistant Lecturer with a Ph.D. and relevant research experience may be considered for progression after three years continuous service. If successful, such an Assistant Lecturer may be placed on the first point of the lecturer scale and remain on that point until five years' service have been completed. Progression for Assistant Lecturers shall be irrespective of whether a new post of Lecturer has been established or a vacancy at Lecturer level has occurred.

**Salary Scale:**

€37,482.00 - €51,502.00 (10 Increments)