



Candidate Brief for the position of:

**Hourly Paid Part-time
Assistant Lecturer (Panel)**

in

**Metal Fabrication &
Welding**

(ref: HPAL/10/24)

Recruiting Difference; Reflecting Diversity

Infinite Possibilities

TU Dublin at a glance

The new University – formed by a merger of Dublin Institute of Technology (DIT), Institute of Technology Blanchardstown (ITB) and Institute of Technology Tallaght (ITT)

- Ireland's largest university with over 28,000 Students
- Over 3,000 International Students
- Over 3,000 staff members of academic, administrative and support staff
- Annual budget circa €200 Million
- Only University in Ireland to offer programmes from Level 6 to Level 10 on the qualifications framework
- Over 150 Sports & Student Societies
- Over 1,000 Research Community
- 3 Incubation Centres

For further detail, please see <http://www.tudublin.ie/>

TU Dublin – A New University for a Changing Ireland

TU Dublin is Ireland's first Technological University - an exciting new milestone in Irish Higher Education. With campuses in Dublin City, Tallaght and Blanchardstown, it spans the largest population centres of Ireland's capital city. Building on the rich heritage of its founding organisations - DIT, IT Blanchardstown and IT Tallaght – TU Dublin will be inclusive and adaptable, creating educational opportunities for students at all stages of their lives.

Academic excellence in science, the arts, business, engineering and technology converge in TU Dublin to create the leaders of tomorrow. Our 28,500 students learn in a practice-based environment informed by the latest research and enabled by technological advances, with pathways to graduation from Apprenticeship to PhD.

Our thriving research community is engaged in applying innovation and technology to solve the world's most pressing challenges, collaborating with our national and international academic partners and our many networks in industry and civic society.

Dedicated staff offer an inclusive and welcoming learning experience and TU Dublin students develop as socially responsible, open-minded global thinkers who are ambitious to change the world for the better. As graduates, they will be enterprising and daring in all their endeavours, ready to play their part in transforming the future.

Faculty of Engineering & Built Environment

The Faculty of Engineering & Built Environment at TU Dublin – City Campus is the largest provider of higher education in Ireland in the relevant disciplines. The Faculty offers a range of unique and innovative programmes in a modular format over a variety of levels that include apprenticeship, degrees, master’s degrees and doctoral education. The Faculty aspires to be a leader in education and learning in the sustainable planning, design, engineering, construction and management of modern infrastructure and the environment. The Faculty strives to deliver relevant high quality curricula and content to all students using innovative approaches to learning and assessment. A significant emphasis is placed by the Faculty on the professional recognition of its programmes and on providing graduates with a skill set and knowledge that is closely aligned with the needs of industry and the professions.

Research: The Faculty conducts research across a broad range of disciplines, with a research portfolio supported by a broad spectrum of funding agencies, such as Science Foundation Ireland; Enterprise Ireland; the Higher Education Authority; the Irish Research Council for Science, as well as the European Commission's 6th and 7th Framework Programmes, the Fullbright Commission and industry.

The Faculty has a number of research centres and groups and a broad range of research collaborations in Europe and internationally. Faculty research activity is focused on a number of signature areas.

Engagement: The Faculty is committed to fulfilling its engagement mission with a diverse range of stakeholders including internal TU Dublin colleagues, international partners, the wider educational community, industry, public sector, professional bodies, research partners/research funders and the wider community and society at large.

Apprenticeship: The Faculty and TU Dublin has a major involvement in and commitment to apprenticeship education and training and over the years has played an important role in its development. As a testament to the quality of provision in this area, over many years apprentices from the Faculty have consistently taken first place or have been highly ranked in National and Worldskills competitions.

School of Mechanical Engineering

The School of Mechanical Engineering is the largest School within the new TU Dublin, with nearly 2200 Students and 190 Staff situated across the three Campuses of Bolton Street/Linen Hall, Blanchardstown and Tallaght. The roots of the School can be traced back to foundation of the Municipal Technical Institute in Bolton Street in 1911, where over 100 years later the Bolton Street name is synonymous with Engineering Education in Ireland. The structure of the School is defined around 6 core Disciplines of Mechanical Engineering, Design Engineering, Mechatronic Engineering, Manufacturing & Industrial Engineering, Building Engineering and Mechanical Energy Engineering. The School has an additional cross-cutting theme of Apprenticeships that is directly embedded within all disciplines. This theme reflects our strong tradition of Apprenticeship education and includes new innovations like the HEA/Industry sponsored Access to Apprenticeship

Programme which is now being expanded across other Technological Universities in Ireland (with TU Dublin as consortium lead). The School provides dedicated educational pathways across levels 6-10 of the National Qualifications Framework (NQF), where an Apprenticeship Student at level 6 can continue their studies onto degree (level 8) and postgraduate levels (including PHD at level 10). The School has a strong track record in Research in areas such as manufacturing, polymers, fluids, materials, biomedical and building engineering.

Job Description

Role Overview

The post will be offered subject to the terms of the provisions of the Technological Universities Act 2018.

The Faculty of Engineering & Built Environment at TU Dublin is the largest provider of higher education in Ireland in the relevant disciplines. The Faculty places significant emphasis on the professional recognition of its programmes. The Faculty offers a range of unique and innovative programmes in a modular format including higher certificate, degree, master degree and postgraduate research. The Faculty aspires to be a leader in sustainable design, construction and management of modern infrastructure.

Duties:

The School of Mechanical Engineering is seeking to create a panel of hourly-paid Assistant Lecturers in Metal Fabrication & Welding, to cover available hours that may arise during the course of the academic session 2024/25.

The position will involve lecturing on the suite of apprenticeship programmes offered by the discipline of Manufacturing & Industrial Engineering, including Metal Fabrication, Sheet Metalwork and MAMF.

Principal Accountabilities

- (a) Teaching the subjects specified and in accordance with the timetable issued (this may be amended from time to time by the Institute following consultation and reasonable notice of any change). In addition, it will be necessary to spend whatever time is required in preparation and correction in order that teaching may be carried out effectively.
- (b) Carrying out assessment, monitoring and evaluation of examination work and providing an academic and consultative support to students in their learning activities. This includes participation in Examination Boards where appropriate.
- (c) Providing academic input on existing and new courses and course development as appropriate.
- (d) Participating in committees appropriate to courses and meetings convened by

management as appropriate.

(e) Maintaining appropriate records and making available information as required by management.

Person Specification

Academic Qualification

- National Craft Certificate / Senior Trades Certificate in Metal Fabrication, Welding or an equivalent qualification **(Essential)**.
- And/or a Masters degree in a related Engineering discipline from a recognised degree awarding authority, or an approved equivalent qualification. **(Desirable)**

Experience

- A minimum of one years' appropriate experience subsequent to obtaining a National Craft Certificate / Senior Trades Certificate in Metal Fabrication, Welding or an equivalent qualification **(Essential)**
- Teaching / Lecturing / Training experience. **(Desirable)**
- Experience of Management in a Metal Fabrication industry environment. **(Desirable)**

Skills, Knowledge & Ability

- Knowledge of new and emerging technologies in Metal Fabrication and Welding including CAD/CAM Engineering for profiling, punching and bending;
- Extensive experience in MIG, TIG and MMA welding;
- Knowledge of Design Fabrication drawing/Pattern Development and Drawing/Detailing of Structural Steel Work;
- The ideal candidate will have excellent communication skills both oral and written and be able to communicate effectively with students;
- Ability to work as part of a team or an as an individual. Commitment to teaching, research and scholarly activity;
- Be flexible and have ability to work on their own initiative and as part of a team;
- Candidates should be IT Literate and have a good level of proficiency in MS Office.

A full statement of terms and conditions of employment will be given to the successful applicant in accordance with the Terms of Employment (Information) Acts 1994 and 2001.

The main terms and conditions of employment are as follows:

Tenure:

These posts will be specified purpose, fixed term or fixed term specified purpose in nature

Location:

The successful candidate will be based in TU Dublin City Campus – Bolton Street. All TU Dublin City Campus activities will transfer to the campus in Grangegorman in due course. Before this transfer the location of this post may vary at the discretion of the President.

Salary:

The post will be remunerated at the hourly rate approved by the Minister for Education and Skills: €68.32 for those with previous Public Service experience prior to 1st January 2011 in the same or an analogous grade, role, position.

€61.81 per hour for those hired into the Public Service for the first time on or after 1st January 2011.

The rate of remuneration may be adjusted from time to time in line with Government pay policy.

Hours of work:

The appointee will be required to teach such hours during the academic year as have or may be determined by the Head of School/Assistant Head of School in the Faculty up to a max of 16 hours per week.

The Head of School/Head of Discipline or other designated officer shall determine the academic term(s) in which the appointee will be required to teach.

Probation:

The terms of the University’s Staff Induction and Probation Policy may apply.

Pension:

The appointee will have no entitlement to join the Institute’s occupational pension scheme/s. However, a PRSA (Personal Retirement Savings Accounts) scheme is in place; a PRSA is a contract between an individual and the authorised PRSA provider in the form of an investment account

which may be used to save for the individual's retirement. The Institute has appointed Cornmarket Financial Services as PRSA provider and they currently offer the Eagle Star/Zurich PRSA. For further information, please contact our Pensions Section via e-mail at pensions@dit.ie.

Applicants should note that they will be required to complete a Pre-Employment Declaration to confirm whether or not they have previously availed of an Irish Public Service Scheme of incentivised early retirement or enhanced redundancy payment. Applicants will also be required to declare any entitlements to a Public Service pension benefit (in payment or preserved) from any other Irish Public Service employment.

Sick Leave:

Hourly Paid employees have no entitlement to paid sick leave. The University must be notified on or before the morning of the first day of absence.

Application Process

Application Form

Applications may be submitted to the Discipline Lead for Manufacturing & Industrial Engineering, Dr. David McDonnell by email (david.mcdonnell@tudublin.ie). The candidates application should consist of a CV and a Personal Statement outlining their suitability for the post. All correspondence from the University regarding your application will be by email. Please ensure that the security filters on your email provider will accept emails from TU Dublin.

Closing Date

The closing date for applications is **5pm on 21st October 2024**. Late applications will not be accepted. It is envisaged that interviews will take place in the week beginning 28th of October 2024 (online).

Contact information

For further information about this post please contact: david.mcdonnell@TUDublin.ie

Further Information for Candidates

Canvassing will automatically disqualify.

Late applications will not be accepted.

You are also advised that you can only submit one application per competition. Should you have any issues with your submission, please contact us.

Shortlisting of applicants may take place, on the basis of information supplied in the application

form.

It is University policy to seek two written references which are to the satisfaction of TU Dublin from your referees, one of whom must be your current or most recent employer. Candidates are advised to please ensure the nominated referees are aware of this requirement. This policy is applicable to external candidates only.

TU Dublin is an equal opportunities employer and is committed to the employment policies, procedures and practices which do not discriminate on grounds such as gender, civil status, family status, age, disability, race, religious belief, sexual orientation or membership of the travelling community.

Persons appointed to a position within the University are required to furnish:

- a satisfactory Health Certificate from a medical practitioner nominated by the University (for positions with a duration of 1 year or more only);
- as evidence of age, a certified extract from a Public Register of Birth;
- a passport (if a passport is not currently held, a birth certificate and a form of photographic identification is required);
- Proof of PPS Number (e.g. social services card);
- Qualifications: the successful candidate will be required to submit parchments of Degrees, Diplomas, Certificates and other professional qualifications.