

Manufacturing Skills Academy – Skills Project Lead – Energy Transition to Net Zero Carbon

Department	National Manufacturing Institute Scotland (NMIS) - https://www.strath.ac.uk/workwithus/nationalmanufacturinginstitutescotland/		
Faculty	Faculty of Engineering (www.strath.ac.uk/engineering/)		
Staff Category	Administrative and Professional	Reference No	464878
Reports To	Head of Skills Capability	Grade:	7
Salary Range:	£33309 - £40927	Contract Type:	Open Contract
FTE:	1	Closing Date	Sunday, 7 August 2022
Holidays	31 days + 11 statutory days Option to purchase additional holidays	On Site Facilities	Car parking
Pensions	Contributory pension scheme available to all staff including generous employer contribution.		
Training	Professional Development with Organisational and Staff Development Unit (OSDU) plus external training if required		
Family Friendly Benefits	Generous parental leave provision and options for flexible working		
Health and Wellbeing	Occupational Health service, access to health and wellbeing events, cycle to work scheme, Employee Assistance Programme, agile working and established carers support network and carer friendly policies		
Location	Advanced Forming Research Centre, Inchinnan. However, this position offers hybrid working, and the opportunity for hours to be worked flexibly		

Job Advert

The National Manufacturing Institute Scotland (NMIS) is an industry-led international centre of manufacturing expertise where industry, academia and the public-sector support bodies work together to transform skills, productivity and innovation making Scotland and the UK a global leader in advanced manufacturing. NMIS will accelerate innovation by enabling manufacturing companies to trial and test new processes, new applications and demonstrate new manufacturing technologies and techniques at an earlier stage as well as encouraging supply chain collaboration at the research stage of product development.

The energy transition is upon us and it is essential that the Scottish and UK manufacturing workforce has the correct skills to understand the implications of net zero and to take advantage of the jobs which will be created by new projects and initiatives.

The Manufacturing Skills Academy within NMIS therefore seeks to appoint an Energy Transition to Net Zero Carbon Skills Lead to work with industry, employers, training providers, education and Public Sector Agencies to ensure the manufacturing workforce has the necessary skills required for today and for jobs in the future.

Within the engineering and manufacturing industry that means making sure we have the developed workforce and technical skills to deliver on the Scottish & UK government's clear commitments to decarbonise existing industry, build new hydrogen, nuclear and carbon capture facilities as well as the project management capability to work in a more collaborative, connected way and to challenge the status quo.

The appointed Skills Lead will also guide the MSA in delivering evidence base informed Energy Transition & Manufacturing skills projects as well as providing leadership across the global skills landscape, foresighting trends that can be used to inform the MSA strategy and business planning process.

You will join external networks to share information and ideas, inform the development of research objectives and look to identify potential sources of funding. You will collaborate with colleagues to ensure that research advances inform MSA teaching and pedagogy and you will collaborate with colleagues on the development of knowledge exchange activities by, for example, participating in initiatives that establish skills research links with industry, wider education and influence public policy.

Your outputs will address future skills transition needs and requirements essential in manufacturing in the transition to net zero – providing research into upskilling and reskilling to support the development of green skills in support of the ambitions within UK & Scottish Governments – for example Climate Emergency Skills Action Plan (CESAP) and Just Transition and Digital Strategies.

You will work closely with MSA team members and stakeholders and will be responsible for overseeing, organising and reporting on skills project related activities.

This is a unique opportunity to undertake a challenging role within a major project.

*This post is advertised as one FTE however, part time working patterns can also be considered. This post is available from June 2022.

Job Description

Brief Outline of Job:

To provide Manufacturing Skills Project Management support and leadership to work with industry, employers, education, training providers and Public Sector Agencies to ensure the energy transition/manufacturing workforce has the necessary skills required for today and for jobs in the future.

Main Activities/Responsibilities:

1.	Leadership - As part of the MSA group, lead on developing manufacturing energy transition to net zero skills proposals and objectives and play a lead role in relation to other project/s or broader projects, with guidance from MSA colleagues as required. Represent skills and the MSA to industry, business, education and the public sector as required.
2.	Finances - Identify sources of funding and contribute to the securing of funds for skills project proposals, including drafting grant proposals and planning for future proposals. Join external networks to share information and ideas and inform the development of wider manufacturing skills objectives.
3	Function – Lead on the foresighting design, development and delivery of Energy Transition to Net Zero Carbon Skills project proposals/projects/programmes
4.	Collaboration - Collaborate with NMIS & MSA colleagues on the development of knowledge exchange activities by, for example, participating in initiatives, which establish manufacturing energy skills research links with industry and influence public policy.
5.	Reporting - Write up skills project work for publication, individually or in collaboration with colleagues, and disseminate results as appropriate to the discipline by, for example, peer reviewed journal publications and presentation at conferences.
6.	Innovation - Collaborate with NMIS colleagues to ensure that manufacturing skills proposals/projects advances inform MSA pedagogy and teaching strategies.
7.	Development - Contribute in a developing capacity within NMIS MSA to administrative and management functions and committees.
8	Relationships – Build relationships with other skills related individuals and bodies across the educational landscape in Scotland and the UK e.g. Scottish College Sector
9.	General - Engage in Continuous Professional Development

Person Specification

Educational and/or Professional Qualifications

(E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable)

E1 Educated to Degree level, or with equivalent relevant experience

D1 Membership of relevant Chartered/professional bodies

Experience

E2 Experience of managing large and complex projects with multiple stakeholders

E3 Experience of working with industry, education, academia and the public sector

E4 Experience of financial management and controlling budgets.

E5 Experience of skills knowledge exchange related activities and networking across the educational landscape

Job Related Skills and Achievements

E6 Interpersonal, presentation and written communication skills, including the ability to effectively transfer information and knowledge to others.

E7 Fundamental understanding of Energy Transition & Net Zero Carbon Skills, the Manufacturing sector, digital transformation and Just Transition

E8 Ability to handle confidential information securely and sensitively.

E9 Proven ability to manage and prioritise workload as well as competing demands from stakeholders. Proven analytical and interpretational skills.

Personal Attributes

E10 Awareness of skills developments within Industry/Public Sector/Further & Higher Education and within the overall external professional environment which impact on the role	Essential	Application/C
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D2 Continuous development of post holders own specialist/technical/professional capability and expertise through professional study and/or practical application and experience	Essential	Application/C
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E11 Excellent interpersonal skills with an aptitude for working with staff of all levels of seniority.

E12 Ability to communicate with a range of programme stakeholders (e.g. academic and non-academic partners, Scottish Government, project stakeholders, general public, media etc)

Application Procedure

Applicants are required to complete an application form including the name of three referees who will be contacted without further permission, unless you indicate that you would prefer otherwise. Applicants should also submit a Curriculum Vitae and a covering letter detailing the knowledge, skills and experience you think make you the right candidate for the job. Applicants should also complete the Equal Opportunities Monitoring Form.

Other Information

Further information on the application process and working at Strathclyde can be found on our website (<http://www.strath.ac.uk/hr/workforus>).

Informal enquiries about the post can be directed to Jim Hannigan, Head of Skills Capability (james.hannigan@strath.ac.uk)

Conditions of Employment

Conditions of employment relating Administrative and Professional roles can be found here: [Conditions of Employment](#).

Rewards and Benefits

Our staff have access to a wide range of outstanding benefits that include financial rewards, family friendly and wellbeing benefits and career development opportunities, details of which can be found [here](#).

Probation

Where applicable, the successful applicant will be required to serve a 9 month probationary period.

Pension

The successful applicant will be eligible to join the Universities' Superannuation Scheme. Further information regarding this scheme is available from [Payroll and Pensions](#).

Equality and Diversity

The University of Strathclyde is a socially progressive institution that strives to ensure equality of opportunity and celebrates the diversity of its student and staff community. Strathclyde is people-oriented and collaborative, offering a supportive and flexible working culture with a deep commitment to our equality, diversity and inclusion charters, initiatives, groups and networks.

We strongly encourage applications from Black, Asian and minority ethnicity, women, LGBT+, and disabled candidates and candidates from lower socio-economic groups and care-experienced backgrounds.

University Values

The University's Values capture what we're all about: who we are, what we believe in and what we stand for. [Our Values](#) have been derived from how we act and how we expect to be treated as part of Strathclyde.

