

Teacher: Advanced Manufacturing Engineering (Robotics & Automation)
Directorate of Engineering
Ref: 22.23a

1. The Appointment

The Engineering department at Vision West Nottinghamshire College has seen recently large investment into the department, to enhance its current capabilities as well as becoming a centre of excellence for Automation and Robotics. Partners such as ABB Robotics and HAAS Automation is elevating the engineering equipment to world class levels. In particular to this role, the department's relationship with ABB Robotics for industry leading equipment and knowledge is outstanding, with exciting developments to come.

The Engineering department has a great opportunity for a dynamic, professional individual qualified and experienced in robotics and programming techniques, to join a forward thinking college to develop and teach advanced manufacturing engineering across a range of courses and across all disciplines. The successful candidate will be required to teach practical lessons in the robotics lab as well as classroom. These lessons include Industrial Robotics, PLC's, Automation and Hydraulics & Pneumatics. While the desired individual would have these skill sets, training and upskilling is available with regards to this role.

We are seeking to recruit enthusiastic and dynamic individuals to be part of our Engineering team, to teach and assess across a range of programmes. You will plan, deliver and assess identified vocational programmes and support developments within the area.

You will be a highly self-motivated, energetic and driven individual, encompassing a strong sense of autonomy. You will possess strong presentation and communication skills and be able to demonstrate achievement of targets.

You will be a role model for college learners and will work to the classroom professional standards. You will also be asked to lead on workshop related activities and make decisions on enhancements to the outputs of the workshop environment.

Please note that training is available to the right candidate, whether that be teacher training or robotics. A background within Engineering or Computer Programming would be ideal.

This post carries a commitment of 836 delivery hours.

The role will require you to embed the college's values; **Respect, Integrity, Collaboration, High Expectations, Responsibility.**

2. The Post

2.1 Main Duties and Responsibilities

- a) To co-ordinate, design, deliver and develop a programme(s) of study for a group(s) of learners in College, specifically relating to the workshop environment.
- b) To develop best practice in learning, teaching and assessment ensuring standardisation and continuity.

- c) To assess learners according to established guidelines.
- d) To develop part-time and full-time programmes.
- e) To design, develop and monitor resources for learner use.
- f) To act as personal tutor to a group/s of students and co-ordinate tutorial support liaising with the head of department. Provide accurate current feedback on progress and outcomes to managers and students.
- g) To monitor and manage student attendance and maintain appropriate standards of behaviour.
- h) To keep up-to-date with curriculum initiatives, development of standards and general developmental and professional issues relating to the delivery of learning in your area.
- i) To implement quality procedures, contributing to thorough, evaluative programme reviews which feed into the self-assessment process.
- j) To complete documentation, appropriate records of learner performance and administration associated with role and responsibilities.
- k) To undergo continuous professional development as appropriate and directed.

2.2 Other Responsibilities

- a) To uphold and promote College policies and procedures, promoting those specifically applicable to this area of work, including the Equality & Diversity and Health & Safety policies and procedures and attend training as requested.
- b) To comply with the college's own safeguarding policy and practices and attend training as requested.
- c) To keep up to date, so far as necessary, for the efficient executing of the job, with new legislation, procedures and techniques and attend relevant mandatory training.
- d) To be conversant with and participate in activities and developments at college, regional and national level which are relevant to the post.
- e) To present and promote an appropriate public image in representing the college.
- f) To undertake any other duties as may reasonably be required commensurate with the post.

3. Skills, Qualities & Knowledge

	Essential	Desirable
Qualifications:		
Cert Ed/PGCE or relevant training/teaching qualification	✓	
Minimum of a level 3 qualification within relevant vocational sector	✓	
Assessor Award (or willing to work towards)	✓	
Verifier Award (or willing to work towards)	✓	
English to at least level 2	✓	

	Essential	Desirable
Maths to at least level 2	✓	
IT qualification/experience	✓	
Experience		
Current experience of delivering learning in an educational sector.		✓
Evidence of delivering high quality and effective learning experience		✓
Evidence of providing learning to groups and individuals	✓	
Evidence that you are able to apply effective approaches to teaching to more than one level and target audience	✓	
Recent Relevant experience of working within an appropriate vocational environment.		✓
Producing and presenting information and reports using a variety of methods.	✓	
Ability to plan, execute and evaluate activities	✓	
Identify, interpret and apply knowledge and information	✓	
Ability to analyse information and situations and recommend ways forward	✓	
Ability to deliver results within a pressured environment (evidenced)	✓	
Excellent communication skills, including the ability to influence others	✓	
Ability to build positive relationships	✓	
Self managing/reflective	✓	
Ability to plan and prioritise	✓	
Act as an effective professional ambassador of the College	✓	
Research skills	✓	
Presentation skills	✓	
Understanding of the changing sector requirements		✓
Knowledge and awareness of DDA legislation and inclusion agenda		✓
Knowledge of current national and international initiatives and how they are interpreted into the College's strategic plan		✓
Ability to plan, execute and evaluate activities	✓	
Skills /Knowledge		
Demonstrate extensive range of knowledge, understanding and application of curriculum development, innovation and delivery strategies	✓	
Demonstrate suitability to work with children and vulnerable adults including knowledge/understanding of safeguarding	✓	
Knowledge of current relevant initiatives within FE, resource management and the vocational area of responsibility	✓	
An understanding of safeguarding and its importance within the college	✓	
Evidence of understanding of differences between assessment and evaluation	✓	
Ability to use robotics equipment or programming knowledge		✓

	Essential	Desirable
Qualities/Approach linked to college values		
Demonstrate a positive approach to equality and diversity and customer service	✓	
Demonstrate an ability to take responsibility for own and others Health and Safety at work	✓	
Demonstrate a commitment to safeguarding and promoting student welfare	✓	
Excellent communication skills	✓	
Flexible and professional approach	✓	
Ability to work as part of a team to achieve common objectives	✓	
Demonstrate that you take responsibility and ownership, e.g. meeting deadlines, sharing practice, following organisational procedures, challenge processes that don't work for customers.	✓	

4. Position within the College

The post-holder will report to the Head of Department.

5. Terms & Conditions

- a) The post is offered on a West Nottinghamshire College Delivery Contract and is subject to those terms and conditions.
- b) The salary will be within the Delivery Scale, up to £35,360 per annum.
- c) You will be entitled to 32 days leave, plus bank holidays and up to 4 concessionary days.
- d) You will be required to work 37 hours per week on a flexible basis.
- e) The college operates a contributory Average Salary Pension Scheme, (Teachers' Pensions).
- f) The post holder may be located at any West Nottinghamshire College Site and may be expected to travel as required.

6. The Application

Individuals with the appropriate experience, qualifications and personal qualities are invited to complete an online application form by **5pm on Sunday 26th June 2022**.

www.wnc.ac.uk/vacancies

THE COLLEGE PROMOTES EQUALITY OF OPPORTUNITY AND WELCOMES APPLICATIONS FROM ALL SECTORS OF SOCIETY

The college is committed to safeguarding and promoting the welfare of children and young people and expect all staff to share this commitment. This post is subject to a Disclosure and Barring Service check.

The successful candidate will be required to pay for the DBS check themselves; the cost (£44 for an enhanced disclosure) will automatically be deducted from their first salary payment.

It is an offence for anyone who is barred from working with children and or vulnerable adults to apply for this position.