

Nottingham University Academy of Science and Technology

Job Application Pack

Teacher of Product Design

Contract: Permanent, full-time

Salary: MPS and UPS

Closing date: Sunday 19th April 2020

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Letter from the Principal

Dear Applicant

Thank you for your interest in our recently advertised post of Teacher of Product Design at the Nottingham University Academy of Science and Technology (NUAST).

NUAST is a centre of Excellence in Science, Engineering and Computing/IT. We are a specialist academy teaching students aged 11-19 years old. Our aim is to ensure that young people who are passionate about STEM have opportunities to realise their maximum potential with us. We currently have 750 students and we will reach our maximum capacity of 860 students next academic year. NUAST opened as a 14-19 school in 2014 and we took our first Year 7 cohort in September 2018. NUAST is well regarded within Nottinghamshire and is over-subscribed for entry.

It is an exciting time to join NUAST as the academy moves towards its full pupil cohort. The person appointed to this role will have a key opportunity to develop and shape the academy.

The NUAST staff team is dedicated to ensuring that our strong and caring pastoral system encourages and supports our students to access the excellent specialised facilities and the unique opportunities available. NUAST has achieved excellent results and has firmly established a reputation for academic success.

Working at NUAST will be an exciting and challenging chapter in the career of any teacher. Along with the responsibilities associated with the position, the successful candidate will be responsible for helping to form the culture, ethos and working practices of the Academy at every level. Our OFSTED inspection graded us as Good overall and Outstanding for Sixth Form.

I look forward to receiving your application.

Yours sincerely



Robert White
Principal

Application Process

If you feel that you could contribute to the students and team at NUAST, we would welcome your application.

All applications need to be submitted online and can be accessed here.

Wherever possible, please provide email addresses for your referees.

Please ensure your application arrives by 5.00pm on the closing date of Sunday 19th April 2020.

Interviews for the role will take place on Thursday 30th April 2020.

If you have not heard from us within five days of the close of application this means that you have not been successful on this occasion.

About NUAST

The Academy

NUAST is an 11-19 academy based in Nottingham offering the very best educational opportunities for our students.

With specialist teachers, specialist facilities and the unique opportunity to work with the University of Nottingham and industry partners at KS3, KS4 and KS5. NUAST offers our students specialist STEM teaching and a broad range of subjects that will support their future progress to further study or employment.

Curriculum

Our curriculum balances specialist teaching in STEM with the other core subjects which students will need to get a place at a university or secure a good job or apprenticeship.

The Academy Day

To ensure that NUAST can offer the broadest set of experiences for each of its learners, the academy operates an extended working day.

Starting at 8.30am, the academy's formal curriculum offer operates until 3.45pm Monday -Wednesday. Thursday sees student leave the Academy at 3.00pm with staff CPD taking place until 4.00pm. On Friday, school finishes at 2.15pm.

This extended day allows us to deliver our unique curriculum and provides students with the opportunities to access a wide range of enrichment activities.

Pastoral Care

At NUAST student's well-being is of primary importance to us. As a small academy we can offer a high level of care and guidance. All students will have a learning mentor.

Mentors will guide and support students throughout their time at NUAST. In addition all students are offered specialist career advice with the support of our University and Industry partners.

In terms of behaviour, we have a very simple approach. Work hard and be kind.

Industry Partners

From the very start, NUAST has had the support and guidance of some of the biggest industry names in engineering and information technology. Their knowledge and understanding of the skills and attributes required to become a future employee in their fields has guided the curriculum and helped shape the facilities.

As students learn and train at NUAST, they will have the opportunity to work with these companies alongside NUAST teaching staff. Students will leave NUAST fully equipped to enter the world of work or higher education with an enviable set of experiences and contacts.

NUAST has many partners, some of which are listed below:

Rolls-Royce Siemens Toshiba XMA Esendex Experian

Employer engagement has proved to be invaluable. We seek to expand this to all areas of the curriculum.

Education Partners

In addition, NUAST is sponsored by the University of Nottingham, which provides students with access to world-class research facilities and staff. The university will provide opportunities to develop academic experiences and knowledge.

Students wishing to pursue degree level courses will be given help and support when applying to university.

Finally, education provision is supported by the Nova Education Trust.

As education partners, the Trust deliver exceptional educational support with access to curriculum and pastoral groups, and support in areas such as safeguarding, Governance and other central service functions.

Facilities

Housed in a purpose-built, iconic building, NUAST offers the most advanced GCSE and Post 16 facility for the teaching of science, mathematics, engineering and computer science in the local area.

Industry standard science, IT and engineering facilities are complemented by a full suite of teaching rooms covering all key English Baccalaureate subjects.

Having opened in Autumn 2014, the building is designed to provide our students with all the experiences they will need to enter higher education or industry. The building has been designed as a modern workplace: open, light and attractive with excellent catering, study and outdoor spaces.

NUAST is a remarkable investment in the young people of the East Midlands.

For more information about the academy visit: www.nuast.org.uk






NUAST
Job Description

JOB TITLE	Teacher of Product Design
HOURS OF WORK:	Full time
SALARY SCALE:	MPS and UPS pay scales
CONTRACT TYPE:	Permanent

Department Overview
The Engineering department occupies extremely well equipped classrooms and workshops within our purpose built building. There are currently seven full time and one part time staff members in the department.

The subject is delivered at all key stages.

Job Purpose:

You will be an outstanding classroom practitioner who consistently demonstrates the highest standards of delivery, is fully committed to raising attainment across all key stages and always achieve the highest standards.

Duties and Responsibilities:

Working with other members of the NUAST teaching team, you will be responsible for the delivery of the following key priorities:

- To provide outstanding teaching to create a vibrant and distinctive culture for learning for young people
- To ensure all our students are able to thrive and engage in both academic and vocational learning to achieve above and beyond their highest potential whilst developing personal and employability skill
- To plan and execute a diverse programme that meets individual learner needs
- You will demonstrate good or outstanding performance against the national teaching standards.

You will inspire our students, stakeholders and employer partners by:

- Working with employer partners and sponsors effectively to enhance the students learning through the development and delivery of employer led projects
- Understanding national standards within the subject area and ensure that these are followed
- Use effective target setting systems for all students to ensure the highest possible levels of achievement
- Identifying effective intervention and mentoring strategies for students
- Ensuring that all the work you do for NUAST follows our vision and values
- Being an outstanding practitioner who inspires students to pursue the their career goals

- Contributing to the NUAST Enrichment programme
- Undertaking such other duties as are commensurate with the post and which may reasonably be required by the Principal.

You will enhance young people's futures by:

- Teaching students according to their educational needs, including the appropriate setting and marking of work to be carried out by the students
- Assessing, recording and reporting on the attendance, progress, development and attainment of students whilst keeping electronic records as required
- Contributing to reports and references relating to individual students
- Ensuring that ICT, Literacy and Numeracy are part of the teaching and learning experience of students
- Ensuring a high quality learning experience for students, which meet internal and external quality standards
- Preparing and regularly updating subject materials
- Using a variety of delivery methods, which will stimulate learning appropriate to student needs and demands of the syllabus
- Maintaining discipline in accordance with the NUAST procedures, and to encourage good practice with regard to punctuality, behaviour, standards of work and independent learning
- Undertaking assessment of students as requested by external examination bodies, departmental and NUAST procedures
- Marking and grading students work which enables you to give written/verbal and diagnostic feedback
- Supporting and motivating students to allow them to grow and enhance their own skills in both achieving qualifications and work readiness
- Ensuring the maximum opportunity for young people to prepare for pathways into further learning, training or employment
- Supporting partnership events with key stakeholders including students, parents, employers, schools, further and higher education establishments
- Engaging with employers to develop learner employability skills, ensuring work related learning experiences are at the core of the curriculum
- Ensuring all students understand the expected standards of behaviour and be prepared to intervene where these are standards are not followed
- Ensuring a safe, secure and healthy environment for students.

You will protect our students by:

- Responding effectively and immediately to safeguarding/child protection concerns raised by staff, pupils or brought to the NUASTs attention through other means
- Ensuring that safeguarding policies are followed and communicated effectively.

Generic Requirements:

It is a requirement of all posts within the Academy that Health and Safety requirements are upheld in the performance of duties

All employees of the Academy are required to uphold the Equality and Diversity Policy and the Academy's Code of Conduct

All staff will ensure the safeguarding of young people by the implementation of Child Protection and other safeguarding policies.

This job description is not a complete description of the role, as you are required to undertake any other reasonable duties within the level of responsibility and grading of the post as directed by the Principal.

Person Specification

	REQUIREMENT	Essential	Desirable
Qualifications & Experience	Education/ Training Honours degree or equivalent in relevant subject	X	
	Qualified Teacher Status	X	
	Industry Experience within Product Design or related discipline		X
	Previous teaching experience within 11-16 years education and/or 16+ education		X
Skills & Abilities	Knowledge of Cambridge Nationals Engineering, GCSE and/or A Level Product Design	X	
	Knowledge of CAD, CNC or manual machining		X
	An understanding and demonstration of barriers to learning and how those may be overcome	X	
	Experience of managing student performance and intervention strategies to raise performance		X
	Experience of safeguarding and additional educational needs	X	
	Experience of working alongside employer partners to achieve learning objectives		X
	Experience of working with Gifted and Talented students		X
	Ability to communicate effectively with a range of internal and external stakeholders	X	
	Excellent literacy, numeracy and IT skills	X	
	Ability to work under pressure and to meet tight deadlines	X	
	Ability to operate in a confidential manner with discretion Enthusiasm, optimism and energy	X	
	Evidence of commitment to own continuing professional development	X	

Responsible to:	Principal
Date:	March 2020