

nuast
Nottingham University Academy of Science and Technology

Job Application Pack

Teacher of Physics

MPS and UPS pay scales

Full time, permanent contract

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Letter from the Principal

Dear Applicant

Thank you for your interest in our recently advertised post of **Teacher of Physics** 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 14-19 years old. Our aim is to ensure that young people who are passionate about Science, Computing or Engineering have opportunities to realise their maximum potential with us. We currently have 296 students and we will grow to our capacity of 750 students during the next few years.

NUAST has recently undertaken consultation to change to an 11-18 year old entry profile following requests from parents and the local authority. This means that it is an exciting time to join NUAST. As the Academy expands and develops, there will be opportunities for teaching staff to develop their professional practice and access middle management and senior leadership roles.

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 at NUAST. 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.

Securing outstanding teaching and learning is critical to our success and every member of staff will be required to contribute to the development of teaching materials and wider curriculum planning.

I look forward to receiving your application.

Yours sincerely



Robert White

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 via Vacancy Filler
https://www.vacancy-filler.co.uk/

Wherever possible, please provide email addresses for your referees.

Closing date: please ensure your application arrives by 5pm on the closing date of Monday 7th May 2018.

Interviews for the role will take place on Wednesday 16th May 2018.

About NUAST

The Academy

NUAST is a 14-19 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 Science, Engineering and IT along with all the other core subjects.

At KS4, science is taught as discreet subjects and Engineering and IT is delivered through industry approved and recognised Cambridge National qualifications, our specialist curriculum is designed to give students the very best start in their careers.

NUAST offers Post 16 students a complex and diverse range of curriculum options based around Science, Engineering and IT/Computing. From a full suite of A Levels, through a mix of qualifications, to dedicated BTEC Level 3 Extended Diplomas, NUAST can offer our students a pathway modelled to their needs.

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 works until 3.00pm with additional after-school study provision available until 4.00pm. The day finishes at 2.15pm on Fridays.

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, science 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 Esendex Experian Natgraph Bulwell Precision

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, the education provision is delivered by the Nova Academy Trust.

Facilities

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

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





NUAST
Job Description

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

Department Overview
The Science department occupies extremely well equipped laboratories within our purpose built building. There are currently five full time and three part time members of staff in the department.

Science is delivered at all key stages with the subject delivered as individual sciences throughout all year groups.

Job Purpose:

As a Teacher of Physics 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 within Science.

Duties and Responsibilities:

The Teacher of Physics, working with other members of the NUAST teaching team, 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 interested in science.
- 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 skills.
- To plan and execute a diverse programme that meets individual learner needs within Physics and science.
- 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 within Physics 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:

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

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

3. 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 Science or related discipline		X
	Relevant Experience Proven record of success as an outstanding Teacher		X
	Previous teaching experience within 11-16 years education and/or 16+ education		X
Skills & Abilities	Knowledge of Physics and one other science subject at key stages 3 and 4	X	
	Knowledge of Physics A Level award		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:	April 2018