

STOKE-ON-TRENT & STAFFORDSHIRE

INSTITUTE OF TECHNOLOGY

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NSCG

NEWCASTLE
AND STAFFORD
COLLEGES GROUP



WORKING IN PARTNERSHIP WITH

Keele
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WELCOME

**TO THE 2ND EDITION OF
OUR STOKE-ON-TRENT AND
STAFFORDSHIRE INSTITUTE OF
TECHNOLOGY (IOT) NEWSLETTER,
BRINGING YOU THE LATEST
NEWS, VIEWS AND UPDATES ON
THE NSCG-LED BID TO BRING A
FLAGSHIP IOT TO THE AREA.**

In this edition, we meet one of our key employer partners, Moog and look at how their successful apprenticeship programme helps them meet the challenges of an aging workforce; we focus on the Government's technical education reforms and look at the brand new T-Level and Higher Technical Qualifications, and we shine a spotlight on the key members of the Stoke-on-Trent and Staffordshire IoT project team, to learn a little more about the people driving the ambition to bring an IoT to Staffordshire.

December looks set to be a busy month and the IoT will continue to remain high on our agenda, we hope to conclude negotiations around the IoT location and importantly, we kick off the month at a milestone meeting with Government officials, in which we will share our vision for the facility – we'll hopefully be able to share further updates on this very soon!

Finally, if we don't manage to catch up again beforehand, may I take this opportunity to wish you a very Merry Christmas and best wishes for a healthy and prosperous New Year.

KAREN DOBSON OBE
PRINCIPAL & CHIEF EXECUTIVE

MEET THE CORE PROJECT TEAM



CRAIG HODGSON
VICE PRINCIPAL, NSCG

Having joined NSCG in 1997, Craig is responsible for the College's Finance, Corporate Development, Information Services, Estates and Employer Engagement activities.

With specific responsibility for the group capital strategy, Craig has overseen multiple successful campus developments totalling over £100M, bringing significant estate enhancement, top-class facilities and innovative learning environments.



**PROFESSOR
MARK ORMEROD**
*DEPUTY VICE-
CHANCELLOR AND
PROVOST, KEELE
UNIVERSITY*

Professor Mark Ormerod became Deputy Vice-Chancellor and Provost in August 2015. Prior to his, he had been Pro Vice-Chancellor (Research and Enterprise) and Head of the School of Physical and Geographical Sciences at Keele since its formation in 2005.

Professor Ormerod is the Strategic Lead for Environment and Sustainability at Keele University.



ANDY SNAPE
*GROUP HEAD OF MATHS
AND SCIENCE, NSCG*

An innovative leader, with a background in maths and astrophysics, Andy is passionate about promoting STEM opportunities and raising aspirations.

Alongside his day job in the Sixth Form faculty, Andy is involved in STEM-based projects, including the launch of NSCG's LEGO Education Innovation Studios and the bid submission for the IoT.

Andy has worked for NSCG since 2008.

THE FUTURE IS TECHNICAL

EMPLOYERS AT THE HEART OF LEVEL 3 CURRICULUM ENHANCEMENT.

T Levels are arguably the biggest reform to technical training in a generation, designed to give young people the skills, knowledge, and attitude to excel in their careers.

Taking on board employer feedback and real concerns over skills shortages impacting on the future success of industry, the Government has worked alongside over 220 employers, to design T Level courses that will help meet future workforce demands.

Equivalent to 3 A levels, T Level courses are made up of a curriculum specific college programme and a substantial work placement comprising a minimum of 315 hours (45 days). By the end of the two year course, young people aged 16-19 develop the knowledge, attitude and technical skills to progress into skilled employment, an apprenticeship or further study, and employers who have supported placements will have had the opportunity to create a sustainable pipeline of future talent to aid recruitment, innovation and productivity.

SUPPORTING YOUNG PEOPLE WITH PLACEMENTS

Benefits to employers:

- > Attract motivated young people to your business, bringing in imaginative and new ideas
- > Improve the recruitment pipeline for your business
- > Address local and national skills gaps by helping young people develop the skills your industry needs
- > Develop existing employees mentoring and management skills
- > Build a more diverse and creative workforce
- > Play an important role in the local community
- > Build partnerships with local education providers
- > Save recruitment costs by providing the opportunity to see what the young person can offer, on a no obligation employment basis.

FROM SEPTEMBER 2022, NSCG WILL BE OFFERING T LEVELS IN EDUCATION AND CHILDCARE, DIGITAL PRODUCTION, DESIGN AND DEVELOPMENT, HEALTH & SCIENCE (SUPPORTING ADULT NURSING) AND ENGINEERING, MANUFACTURING, PROCESSING & CONTROL.

“WITH THE ONGOING SKILLS SHORTAGES IN BOTH THE CONSTRUCTION TRADES AND PROFESSIONS, INDUSTRY PLACEMENTS GIVE US A CHANCE TO SEE AND WORK WITH YOUNG PEOPLE AS A SHORTCUT IN THE RECRUITMENT PROCESS. HAVING SPENT NEARLY THREE MONTHS WORKING WITH US, THEY ARE ALREADY PART OF THE TEAM AND UNDERSTAND THE COMPANY AND HOW WE WORK.”

BRUCE BOUGHTON, PEOPLE DEVELOPMENT MANAGER, LOVELL PARTNERSHIPS

SOURCE GOV.UK

A young man with short dark hair is looking off to the side with a serious expression. He is wearing a light-colored long-sleeved shirt under a quilted, olive-green jacket. The background is a modern building with a grid of large, light-blue panels and a section of perforated metal siding on the right. The lighting is bright, creating strong shadows.

T-LEVELS

THE NEXT LEVEL QUALIFICATION

BRAND NEW

LEVEL 4 & 5 DIGITAL QUALIFICATIONS TO LAUNCH AT NSCG IN 2023

—

THE DEPARTMENT FOR EDUCATION (DFE), HAS RECENTLY ANNOUNCED THAT NSCG IS ONE OF 100 EDUCATION PROVIDERS NATIONALLY TO RECEIVE FUNDING FROM THE GROWTH FUND, TO DEVELOP ITS FACILITIES IN PREPARATION TO DELIVER BRAND NEW HIGHER TECHNICAL QUALIFICATIONS (HTQS) IN 2023.

Part of the National Skills Fund, and linked to the Government's 'levelling up' agenda, the £18M Growth Fund was set up to help providers invest in the resources needed to raise the prestige of Higher Technical Qualifications (HTQs) and develop the business links they need to offer qualifications in sectors with growing employer demand, such as digital, construction, health and science.

NSCG's funding allocation, which totals in excess of £175,000, will be used at both the NSCG Newcastle College and NSCG Stafford College campuses to revitalise the curriculum offer and launch a new suite of digital HTQs, which will be biased towards the specialisms of digital technology, cloud computing, cyber-security, software development and network engineering.



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Ahead of the new HTQs launching in September 2023, existing classrooms will be converted utilising design and product input from industry practitioners to create 'best in sector' digital laboratories and teaching spaces, which will be packed with leading edge equipment, software and other specialist resources.

Karen Dobson OBE, Principal & Chief Executive of NSCG said: "We are delighted to be awarded this funding to support the launch of brand new Higher Technical Qualifications at NSCG, which, together with our plans for the Stoke-on-Trent and Staffordshire Institute of Technology, forms a key part of our long-term strategic vision, and aligns to government priorities around investment in higher technical skills to support the economy and help our employer partners build back better from the pandemic."

"We have a long established reputation for investing in our campus and facilities to ensure learners have access to state-of-the-art resources and the highest levels of student support and this funding will allow us to create a forward-thinking employer responsive digital curriculum that will be delivered in innovative and inspiring teaching spaces, to help fill the skills gaps of tomorrow".





MOOG

"I'D HIGHLY RECOMMEND NSCG AS AN APPRENTICESHIP PROVIDER. THE SUPPORT WE RECEIVE IS ABSOLUTELY BRILLIANT AND THE WHOLE IMPLEMENTATION AND RECRUITMENT PROCESS FOR HIRING OUR APPRENTICES HAS BEEN SEAMLESS."

MARK SHARPLES: MANUFACTURING MANAGER, MOOG

SUPPORTER SPOTLIGHT

MOOG

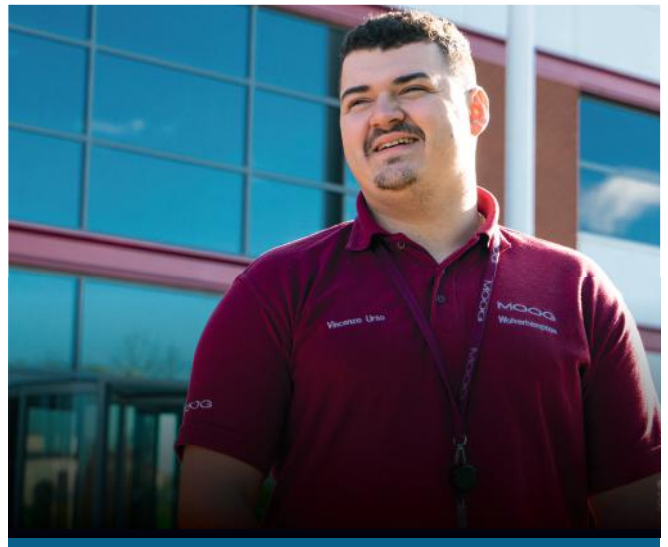
A WORLD LEADER IN FLIGHT CONTROL SYSTEMS AND CRITICAL CONTROL PRODUCTS, OPERATING INTERNATIONALLY, MOOG'S ANNUAL SALES TOTAL OVER \$1.1BN.

Part of the wider Moog Aircraft Group, Moog Wolverhampton has a long established local heritage with roots in the West Midlands since 1936, having previously operated under a number of different names until Moog acquired the business from GE Aviation Flight Controls in 2009.

Operating from state-of-the-art facilities on the i54 in Wolverhampton, Moog's primary market is military, but also covers commercial programmes, rotorcraft and aftermarket (repair and overhaul), with key programmes including F35 JSF, V280, V22, 767 and C919.

From a people perspective, the Moog ethos is fundamentally about respect, with company founder Bill Moog stating: "Our philosophy at Moog is a simple one. We believe in the people who work for us. We believe work can be a rewarding and satisfying experience for everyone in an atmosphere of mutual trust and confidence." NSCG has been proud to play a part in supporting this vision and this is reflective in the high success of our joint apprenticeship provision.

The Moog partnership with NSCG manifests itself in a first class apprenticeship programme, spanning a broad range of engineering disciplines. In recruitment and career planning, Moog have set the bar high for the opportunities and progression they offer their apprentices, with programmes starting at Level 3 progressing up to higher apprenticeships, and then onto degrees and postgraduate programmes, giving employees the skills to achieve their full potential.



On their relationship with NSCG, Manufacturing Manager, Mark Sharples said: "Moog have worked with NSCG for over three years, where they have supported us to deliver apprenticeships in a number subject areas - we currently have 22 apprentices working onsite at Moog Wolverhampton. Our apprentices are fundamental in the delivery of our business. Without them, we cannot fulfil the current workload that we have, let alone grow as a business. Being able to train and nurture staff members to complete projects and tasks to the highest level and in the 'Moog way' is brilliant, as we're creating a skilled, qualified and future-proof workforce."

For the latest Moog apprenticeship vacancies visit moog.com/careers



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HOW CAN I GET INVOLVED?

WE BELIEVE THAT STRONG EMPLOYER
ENGAGEMENT WILL BE CRUCIAL TO THE
SUCCESS OF THE STOKE-ON-TRENT AND
STAFFORDSHIRE IOT.

IF YOU OR YOUR BUSINESS ARE
INTERESTED IN BEING INVOLVED
AT ANY LEVEL, BE THAT WITH
WORK PLACEMENTS, CURRICULUM
DEVELOPMENT OR EVEN COMING ALONG
TO SPEAK TO STAFF AND LEARNERS,
WE'D LOVE TO HEAR FROM YOU.

GET IN TOUCH TODAY.
IOT@NSCG.AC.UK

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