

Part Time Teacher of Engineering APPLICATION PACK



**University
Technical
College
Norfolk**



University Technical College Norfolk

Teacher of Engineering

Part Time 0.6FTE

£16,800 - £26,211

From September 2023 or asap

Are you a teacher of Engineering or a Design and Technology teacher looking to focus on what you love?

UTCN exists to develop the next generation of engineers and science professionals and, with a fabulous £10m building and £1.3m of specialist equipment, that's exactly what we have achieved. We have been open seven years and we are already one of the top performing UTCs in the country. We have a specialism in engineering, but we also cater for 14-19 age students with interests in Science, Computing and Mathematics. UTCN is heavily oversubscribed for 2022 entry and was graded 'Good' across all areas by OFSTED in May 2019.

The Engineering Department at UTCN is extremely well resourced: we have fully equipped workshops containing manual lathes/milling machines, 3D printers, laser cutters, Haas CNC machines, welding equipment, virtual welders and an F1 in Schools test track, to list but a small selection. Engineering is the main reason why students come to UTCN and all KS4 students and most KS5 students study engineering. The Engineering Department currently has 10 teaching staff and 3 technicians. This role may require the candidate to teach some GCSE or A level Mathematics.

This role is offered on a permanent basis and as we continue to expand and develop over the next few years. Opportunities to take on further responsibilities will be available to the right candidate in the future. NQTs and experienced candidates are encouraged to apply.

If you are an excellent teacher who has the:

- Capability to teach Mathematics at GCSE or A level, WJEC Level 2, Level 3 Cambridge Technical Engineering and T levels
- Belief that all young people can achieve highly
- Ability to deliver excellent results
- Capacity for hard work
- Determination to ensure that UTCN is the top provider of its type in the country

Then we want to hear from you. For further information and to apply, please see our website www.utcn.org.uk

Closing date: 9.00am, 3rd July, 2023

Interviews: W/C 3rd July, 2023

UTCN is committed to safeguarding and promoting the welfare of young people. All appointments will be subject to an enhanced DBS check.



June 14, 2023

Dear Candidate

Thank you for your interest in University Technical College Norfolk.

UTCN exists to develop the next generation of engineers and science professionals and, with a fabulous £10m building and £1.3m of specialist equipment, that's exactly what we have achieved. We have been open seven years and we are already one of the top performing UTCs in the country. We have a specialism in engineering, but we also cater for 14-19 age students with interests in Science, Computing and Mathematics. UTCN is heavily oversubscribed for 2022 entry and was graded 'Good' across all areas by OFSTED in May 2019.

The Engineering Department at UTCN is extremely well resourced: we have a suite of manual lathes and milling machines, 3D printers, laser cutter, Hass CNC machines, welding equipment, virtual welders, and an F1 in Schools test track, to list but a small selection. The Engineering Department currently has 5 teaching staff, 1 Learning Support Assistant and 1 technician. As student numbers grow, we anticipate that staffing in this area will increase further. The department staff have a wide range of teaching and industrial backgrounds which provides a team of experienced, hardworking and supportive colleagues. This role requires the candidate to teach GCSE or A level Mathematics.

The role would suit an experienced teacher or lecturer in Engineering or a colleague with a Design and Technology background. Alternatively, this role could also suit someone with an industry background who would like to get into teaching and full support will be provided if this is the case.

UTCN has recently joined the London-based MAT Community Schools Trust (CST). CST have a track record of achieving some of the best exam results in the country. This partnership of technical expertise with academic excellence will create some fabulous opportunities for both staff and students.

Engineering is one of the reasons why students come to UTCN and all students study engineering. At KS4 students follow the WJEC Engineering course. At KS5 students take the Level 3 Cambridge Technical Engineering course which leads to the Full Diploma or the Extended Certificate and the T Level in Engineering. Our expectations for students are high, and the results and achievements have been excellent. We are looking for a new team member to help take things forward in 2023.

As well as making a real difference to young people's lives, I believe that UTCN is a great place to work. But don't take my word for it! In our November 2021 (anonymous) Staff Survey, 97% of staff agreed with the statement: 'I enjoy working at this school.' If we can provide any further information, please do not hesitate to get in touch, we'd love to talk further.

Emma Palik
Headteacher

Key Facts

- We have £1.3m of specialist equipment on site
- We are oversubscribed for Year 10 entry
- In due course, UTCN will have up to 450 students from Year 10 to Year 13
- The student body is well motivated and, in many cases, extremely able
- Typical hours for students are from 9.00am to 2.45pm Monday and Friday and 9.00am - 3.40pm Tuesday to Thursday
- The teaching load for a full-time main scale teacher is 22.5 hours per week
- The curriculum is employer-led
- We offer a wide range of extra-curricular type activities within the Enrichment Curriculum
- UTCN was inspected by OFSTED in May 2019 and was graded 'Good' across all areas

Employer Support

A key difference of UTCN is that we are supported by many of the leading employers and businesses in the county. There are currently over 40 regional and national employers and employer organisations who are actively engaged with UTCN.

The UTCN Local School Board

Reflecting the key role that employers will take, the UTCN LSB is made up of employers in the advanced engineering and energy skills sectors:

- Nicola Finch of Future Marine Services and SafeSTS
- Roger Bennington of Long Stratton Motor Company

Additionally, the Board is made up of:

- Ben Milner of UEA
- Emma Palik of UTCN
- David Attwell of UTCN (Staff Governor)
- Julie Schofield of UEA
- Clive Kindred
- Steve Love
- Steve Perry
- Jean Wilcox
- Vanessa Collins – Parent Governor
- Amy Hanton – Parent Governor

The Curriculum

Our curriculum has been devised to reflect the needs of local employers, but it also provides a solid base for students to progress generally. Post 16 students also undertake Industry led projects.

Basic Salary

Progression on this scale is dependent on professional development and student outcomes. Salaries are paid in twelve equal instalments on the 15th day of the month by direct credit transfer.

Additional Remuneration

Individual performance is rewarded through the UTCN Performance Management scheme. In addition, every year, three collegiate targets will be set which will attract a bonus. These targets will be the same for all UTCN staff.

Other Benefits

Teaching staff will continue as members of the Teachers' Pension Scheme. UTCN staff will also benefit from membership of BHSF.

Working Days

UTCN term dates largely follow the pattern of Norfolk schools. The UTCN working year for full-time staff is made up of 195 days.

Professional Appearance and Dress

The principle of smart business dress for staff applies.

Safeguarding

UTCN is committed to safeguarding and promoting the welfare of young people. All appointments will be subject to an enhanced DBS check.

Job Description

Job Title:	Teacher of Engineering
Reports to:	KS4 or KS5 Engineering Lead
Grade:	MPS 1 to UPS3
Overarching Job Purpose:	To support UTCN students to make excellent progress

Specific Duties	
1	To teach KS4 and KS5 students in accordance with the UTCN Teaching, Learning & Assessment Guide
2	To plan and prepare high quality lessons
3	To support and enforce UTCN expectations for behaviour, uniform and effort
4	To provide a calm, purposeful and safe working environment for students following the guidelines in the UTCN Behaviour Guide and Safeguarding Policy
5	To deliver high quality lessons which support UTCN students to make excellent progress
6	To mark and assess students according to the UTCN assessment strategies
7	To ensure assessment data is recorded on SIMS & DPR in a timely manner
8	To work collaboratively with other departmental team members to develop resources, schemes of work and assessments for the department
9	To initiate any identified interventions to enable students to progress
10	To liaise with classroom support staff
11	To attend and contribute to departmental meetings and CST meetings, where required
12	To undertake appropriate professional development as required
13	To contribute to the UTCN faculty development plan and its implementation
14	To liaise with parents and attend parents' evenings as necessary
15	To participate in the UTCN Enrichment Curriculum
16	To carry out designated duties
17	To attend TPR (Training, Promotional and Revision) days as required

Person Specification

Attributes	Essential	Desirable
Qualifications	• Graduate • QTS/QTLS	• Degree in relevant subject
Experience	• Experience of delivering Engineering or similar at KS5/4 (D&T – RM, mechanical/electrical principles, Systems and Control) • Track record of successful examination outcomes	• Experience of delivering Engineering topics or similar courses at KS5 • Experience of examination board marking • Previous industrial or commercial experience • Experience of F1 in schools or similar • Experience of teaching GCSE or A level Mathematics
Skills	• Excellent teaching practitioner • Delivering workshop activities with KS4 students • Ability to plan learning that meets the different needs of students including the most and least able and those with SEND • Ability to work in a way that promotes the safety and wellbeing of students	• Keen user of new technology
Personal Qualities	• High expectations for young people • Optimistic and enthusiastic • Determined • Organised • Team player • Resilient	• Innovative • Sense of humour
Other	• Professional manner • High personal standards of literacy and numeracy • Keen to work with local employers • Determination to ensure that UTCN is the top provider of its type in the country	• Willingness to organise on and off-site activities • Enthusiasm to contribute to extra-curricular activities

Further information

The UTC Norfolk website is: www.utcn.org.uk

You will also find our Twitter feed a useful source of information: @utcnorfolk

More information about the UTC programme and the Baker Dearing Trust can be found at www.utcolleges.org

To arrange an informal discussion about this role, please contact Lee Smith: KS5 Engineering Lead on 01603 580280 or via lee.smith@utcn.org.uk or James Brown KS4 Engineering Lead on 01603 580280 or via james.brown@utcn.org.uk

Visits to UTCN

During the interview process, there will be ample opportunity to see the building and meet key staff, however, if you would like to visit UTCN prior to application, please contact Lee or James as above.

Application

Please apply using the UTCN application form. This can be found at:

www.utcn.org.uk/job-vacancies

As part of the application, you will be asked to submit a supporting statement, this supporting statement should:

1. Explain why you would like to work at UTCN.
2. Address each element of the Person Specification individually and using a separate sub-heading eg.

Qualifications

Experience

Please note that candidates who do not follow this guidance will not be shortlisted.

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