

# UTC Warrington

## Teacher of Computer Science

### Information Pack



## Vacancy: Teacher of Computer Science

**Job start:** September 2023

**Interviews:** Monday 19<sup>th</sup> Jun 2023

**Salary:** £28,000 - £43,685 (TPS M1 – UPS3)

**Location:** Warrington

**Contract type:** Full time

**Contract term:** Permanent

We are looking for an outstanding and enthusiastic Computer Science teacher to join our team of talented staff as we embark on our next chapter. We are a department that is on an evolutionary journey, and this role provides an excellent opportunity to be part of this. From 2023, we will be delivering a T-Level curriculum to new Year 12s, focusing on the T Level of Digital Support Service. This academic and vocational qualification prepares our students to be the infrastructure technicians, systems architects and CTOs of the future.

We are looking for another motivated and driven IT enthusiast to be a key part of our delivery team. A passion for teaching Computer Science, staying up-to-date with technology trends, and the ability to motivate young people are among the qualities we seek.

In particular, we are seeking an aspirational individual who is passionate about:

- Promoting outstanding achievement at all levels across the UTC;
- Working closely with university and employer partners to deliver a curriculum that addresses the disconnect between industry and education, specifically in the local context;
- Implementing a curriculum that will provide students with a competitive edge in the employment market, apprenticeship or university application process, intentionally applying Gatsby benchmarks and Skills Builder proficiencies to show student why we teach what we teach;
- Accelerating learning for students at KS4, particularly the most able students who haven't been stretched and challenged at KS3;
- Driving a spirit of curiosity and interest across the college in Digital futures and destinations;
- Trailblazing in collaborating on a post-16 T-Level curriculum that stretches both academic and technically minded students, that ensure students succeed both in their work placements and in their future careers;
- Outstanding teaching and learning being at the heart of driving successful outcomes for students.

In addition, the post holder will:

- Be a consistently outstanding / good teacher;
- Have a passion for digital engineering with the ability to motivate and inspire students of all abilities;
- Provide a clear commitment to helping students reach their full potential regardless of any academic or social and emotional barriers;
- Have a desire to develop excellence and be an outstanding teacher;
- Be a committed team player with excellent interpersonal skills;



- Have consistently high expectations of students in relation to standards of achievement and behaviour,
- Have an active input in the development, consistent implementation and improvement of schemes of work which encapsulate key college learning strategies;
- Monitor the progress of students including those requiring additional support and challenge them to ensure students are engaged in their learning and achieve success;
- A willingness to contribute to the co-curricular programme to enhance the student experience.

UTC Warrington opened in September 2016 and was first inspected by Ofsted in May 2019 and secured a 'Good' judgement in all areas. UTC Warrington aims to become an Outstanding institution by our next Ofsted inspection.

Our key focus is to support young people in preparing for the world of work, develop technical skills, and to find meaningful careers – apprenticeships, university or employment. Manchester Metropolitan University collaborated with employers such as Sellafield Ltd to create the UTC, providing students with valuable relationships and experiences within the STEM industry in the Northwest and beyond.

We are a school and sixth form, with a strong focus and vision that prepares students for high-quality roles within science, technology and engineering. Our students study academic subjects, with a range of GCSEs and post-16 qualifications. We also offer the opportunity for students to focus on developing their technical knowledge and skills and to work directly with the region's employers. From September 2023 we will be offering T-levels in Engineering and Manufacturing, Design Surveying and Planning for Construction, Laboratory Sciences and Digital Support Services. In preparation for the delivery of T-levels, the UTC is investing £1.1 Million to further enhance its technical facilities.

Our dedicated personal development programme encourages students to challenge themselves by using their skills in listening, speaking, problem solving, creativity, staying positive, aiming high, leadership and teamwork in all aspects of their UTC career. Combined with opportunities to take part in high quality enrichment (cadets, NCS, student leadership, sport), our young people are ready for the world of work.

Our UTC has fantastic facilities and state-of-the-art equipment, with an ambitious renovation program set to be completed by September to create high quality learning spaces for our new KS5 curriculum. Students have contact with industry professionals and teachers with strong industry experience. Progressing onto world class degree and apprenticeship opportunities.

We are currently heavily over-subscribed for September 2023 admissions into year 10. As a school we offer opportunities for a comprehensive programme of individualised evidence based CPD as well as encouraging colleagues to further their personal professional development through courses such as the National Professional Qualifications and Masters level degrees, alongside those offered by STEM Learning and Computing at Schools. All teaching staff have their own coach through the Powerful Action Steps programme.

The successful candidate will have the opportunity to teach GCSE Computer Science, BTEC National Extended Diploma in Computing and T-level in Digital Support Services (from September 2023) using our world class facilities. We are keen to appoint someone who can contribute towards the existing wealth of experience in the faculty. Staff are actively encouraged to collaborate with the UTCs employer partners to further develop their own skills and knowledge of best practice in industry. The



UTC also leads on two Local Growth Fund projects, which are supporting the development of digital literacy and cyber security skills in the Cheshire and Warrington area.



## How to Apply

For an informal discussion or to arrange a visit to look around the UTC please contact Lindsey Devine Office Manager on 01925 737067 or by email – [ldevine@utcw.co.uk](mailto:ldevine@utcw.co.uk) .

## Closing date

Please complete an application form and submit a covering letter to [info@utcw.co.uk](mailto:info@utcw.co.uk) . CVs will not be accepted. **The closing date for applications is Wednesday 14<sup>th</sup> June, 3pm.** Interviews will take place on **Monday 19th June 2023.**

We reserve the right to close this vacancy early should we receive an overwhelming response. All candidates are advised to refer to the job description and person specification before making an application.

UTCW is committed to safeguarding and protecting the welfare of children and expects all staff and volunteers to share this commitment. An enhanced Disclosure and Barring Service Certificate will be required for all posts.

Please take the opportunity to find out more about life at the UTC through our website and social media channels:

Website: [www.utcw.co.uk](http://www.utcw.co.uk)

Facebook: [www.facebook.com/UTCWarrington](https://www.facebook.com/UTCWarrington)

Twitter: [www.twitter.com/UTCWarrington](https://www.twitter.com/UTCWarrington)

Instagram: [www.instagram.com/utc\\_warrington](https://www.instagram.com/utc_warrington)

## 1. Job Description

<b>Job Title:</b>	Teacher of Computer Science
<b>Reference No:</b>	UTCW CS
<b>Salary:</b>	MPS/UPS
<b>Contract:</b>	Full time/Permanent
<b>Job Purpose:</b>	<p>To carry out the professional duties of a teacher as set out in the current Teaching Standards document.</p> <ul style="list-style-type: none"> <li>• To deliver an appropriately broad, balanced, relevant and differentiated curriculum for students and to support a designated curriculum area as appropriate.</li> <li>• To monitor and support the overall progress and development of students as a teacher.</li> <li>• To facilitate and encourage a learning experience which provides students with the opportunity to achieve their individual potential.</li> <li>• To contribute to raising standards of student attainment.</li> <li>• To share and support the college's responsibility to provide and monitor opportunities for personal and academic growth.</li> <li>• Accelerate learning for students at KS4, particularly the most able students who haven't been stretched and challenged at KS3.</li> <li>• Delivering a post 16 curriculum that stretches both academic and technically minded students, as well as developing softer skills, ensuring that students are career ready.</li> <li>• Develop the UTC brand and the opportunities it presents to achieve outstanding learning outcomes and develop the whole student.</li> </ul>
<b>Accountable to:</b>	Head of Digital
<b>Accountable for:</b>	N/A
<b>Main Duties and Responsibilities:</b>	<ul style="list-style-type: none"> <li>• To teach across the age and ability range, in line with the UTC programmes of learning at both Key Stage 4 and 5, in such a way as to challenge and inspire students of all abilities;</li> <li>• To ensure the needs of individual students are met through clear structures for lessons and sequences of lessons, which maintain a variety of activity to accommodate the range of learning styles and pace, motivation and challenge in relation to the student's ability and target data.</li> <li>• To maintain good order and discipline amongst students so that teaching objectives can be met, in line with the college Behaviour Policy, including duties and supervision outside the classroom.</li> <li>• To contribute to the development, evaluation and maintenance of agreed working practices and curriculum development within the subject.</li> <li>• To keep up to date of changes in the subject curriculum and to contribute ideas as to how these changes can best be implemented.</li> <li>• To assess accurately and record and report on assessments of work carried out by students and to provide assessment data and formal reports at the appropriate times.</li> <li>• To make effective use of assessment information on students to assess progress against target data and inform future planning to boost, consolidate and extend learning.</li> <li>• To plan for the inclusion of all students with additional educational needs in lessons through understanding of needs and adaptation of planning and resources to meet specific need.</li> </ul>

	<ul style="list-style-type: none"> <li>• To communicate effectively with the parents of students as appropriate.</li> <li>• To accept responsibility for the safeguarding of both staff and students and to follow policy, procedures and guidance on appropriate behaviour.</li> <li>• To evaluate own teaching critically to improve effectiveness and to participate in professional development activities as required delivering the job purpose.</li> <li>• To participate as required in meetings with colleagues, external partners and parents in order to fulfil the above duties and responsibilities.</li> </ul>
<p><b>Responsibilities common to all staff:</b></p>	<p>All staff are expected to:</p> <ul style="list-style-type: none"> <li>• Foster UTCW’s vision and objectives.</li> <li>• To ensure equality and diversity is celebrated and promoted through all practice, and that success is achieved through widening participation and encouraging access to a diverse range of students.</li> <li>• Effectively discharge UTCW’s responsibility for safeguarding students.</li> <li>• Work within the UTCW Health and Safety policy to ensure a safe working environment for staff, students and visitors.</li> <li>• Maintain high professional standards of attendance, punctuality, appearance, conduct and positive, courteous relations with students, parents and colleagues</li> <li>• To engage actively in the performance review process</li> <li>• Adhere to policies and procedures as set out in the staff handbook or other documentation available to all staff.</li> <li>• Attending appropriate professional development/training sessions, courses or meetings to ensure that skills are maintained and developed to meet the changing needs of the college.</li> <li>• To comply with the provisions of the Data Protection Act and adhere to the requirements of all staff to maintain confidentiality in respect of governors, staff, parents, pupils and members of the general public.</li> <li>• To be responsible and accountable for carrying out the post with regard to the college’s Safeguarding Policy, Equal Opportunity Policy. Health and Safety at Work Act and any other relevant policies and procedures.</li> <li>• Carrying out any other duties associated with the work of the UTC as may be directed by the Head of College, commensurate with the grade of the post.</li> </ul>

## UTC Warrington – Job Description & Person Specification

### 2. Personal Specification

	Essential	Desirable
<b>Qualifications:</b>	<ul style="list-style-type: none"> <li>Relevant Degree</li> </ul>	<ul style="list-style-type: none"> <li>Qualified Teacher Status</li> <li>Relevant further degree, further relevant professional studies</li> <li>Relevant professional body memberships</li> </ul>
<b>Skills:</b>	<ul style="list-style-type: none"> <li>The ability to establish and maintain relationships with staff and work as a member of a team.</li> <li>The ability to handle potentially difficult situations sensitively.</li> <li>To communicate effectively, both orally and in written form.</li> <li>The ability to meet deadlines.</li> <li>The ability to teach the subject effectively across all age and ability ranges.</li> <li>A willingness to contribute to subject, faculty and whole school developments.</li> <li>A commitment to put into effect the school's policies and priorities.</li> <li>Ability to use ICT to support planning, delivery and administration through use of standard ICT packages.</li> <li>A willingness to see beyond the subject specific boundary and flexibility to teach beyond the subject specialism.</li> </ul>	<ul style="list-style-type: none"> <li>Experience of delivering CPD training programmes</li> </ul>
<b>Experience, knowledge and understanding:</b>	<ul style="list-style-type: none"> <li>Up to date knowledge of the subject at all stages in terms of knowledge, skills and understanding expected within the National Curriculum programmes of study and beyond.</li> <li>Knowledge of assessment, recording and reporting of students' progress and achievements in the subject and of the role of assessment for learning in ensuring student progress.</li> <li>Knowledge of how students learn and are motivated in order to provide for the individual needs of all students, including those with special educational needs as well as the more able.</li> </ul>	<ul style="list-style-type: none"> <li>Familiar with 14-19 education models.</li> <li>Evidence of involving employers in curriculum development.</li> <li>Experience of cyber security.</li> <li>Experience of programming using Python.</li> <li>Experience of creating and maintaining computer networks.</li> </ul>



	<ul style="list-style-type: none"> <li>• An understanding of the importance of the teacher as a role model for young people.</li> <li>• Knowledge of equal opportunities and anti-discriminatory practice in the context of the school community and of relevant strategies required to remove barriers to learning.</li> <li>• Knowledge of subject specific health and safety requirements.</li> <li>• An understanding of the importance of wider key skills / functional skills delivery within the subject area and also of the importance of learning competences in supporting subject attainment.</li> <li>• A commitment to continuous learning.</li> </ul>	
<p><b>Characteristics:</b></p>	<ul style="list-style-type: none"> <li>• Demonstrates a passion for the UTC model and delivering education that is student centred and cutting edge.</li> <li>• Is a dynamic self-starter, excited by the prospect of shaping and delivering the strategy for this innovative educational concept.</li> <li>• Highly personally credible and able to represent UTCW with external agencies, particularly employers.</li> </ul>	<ul style="list-style-type: none"> <li>• Enhanced DBS</li> </ul>