

Job title: Teacher of Design and Technology

**Salary:** M1 – M6 (£28,354 - £40,034)

Hours: See job advert

Contract type: Full Time, Permanent

Reporting to: Assistant Principal

Responsible for: Teaching Design and Technology

# Main purpose

Under the direction of the senior leadership team, you will:

* Develop the engineering department, delivering high quality lessons for KS4 and KS5 design technology and engineering qualifications
* Contribute to the day-to-day operation of the engineering department
* Provide professional guidance to colleagues, working closely with staff, parents and other agencies
* Fulfil all the professional responsibilities of a teacher, as set out in the School Teachers’ Pay and Conditions Document.

# Duties and responsibilities

Development of Design and Technology

* Have a strategic overview of the provision of design technology subjects at UTC Heathrow
* Ensure the required policies are put into practice, and that the objectives of these policies are reflected in the departments overall plan
* Maintain an up-to-date knowledge of national and local initiatives associated with the teaching of design and technology which may affect the school’s policy and practice in this area
* Evaluate whether resources are being deployed effectively within the design and technology to ensure value for money whilst achieving positive outcomes for all

Operation and Coordination of Design and Technology

* Stay ahead of the game with regards to changes in curriculum specifications for all design and technology subjects to ensure the subjects meets the requirements of the performance tables whilst preparing UTC Heathrow students for the world of work.
* Analyse assessment data for students studying design and technology subjects
* Implement and lead intervention groups following the analysis of data to ensure all students are making rapid progress in your subject area.
* Work with our industry partners to create real world contexualised learning opportunities for students studying design and technology subjects
* Work with the engineering team to innovate through project based learning initiatives with engineering business partners.
* Enable every student to become a successful independent learner of design technology and engineering.

# Person specification

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|  | Qualities |
| Qualifications | * Qualified teacher status * Degree |
| Experience | * Design and Technology teaching experience of KS4 and KS5 (14-18 year olds) * Experience of working in a curriculum team and bring about rapid progress * Involvement in self-evaluation and development planning within departments |
| Skills and knowledge | * Sound knowledge of current challenges within the educational climate along with changes coming in the future related to technical qualifications * Effective communication and interpersonal skills * Ability to build effective working relationships * Ability to influence and negotiate * Good record-keeping skills * Proficient in the use of all practical skills required for design technology |
| Personal qualities | * Commitment to getting the best outcomes for students and promoting the ethos and values of the UTC * Commitment to equal opportunities and securing good outcomes for students within the computing department * Ability to work under pressure and prioritise effectively * Commitment to maintaining confidentiality at all times * Commitment to safeguarding and equality * Sense of Humour and emotional intelligence |