

Person Specification

Teacher of Physics

Essential Requirements

- Energy, commitment and enthusiasm for working in a new, growing department.
- Honours degree in physics or related discipline.
- PGCE or equivalent post-16 teaching qualification.
- Ability to teach the whole A level physics course.
- Understanding of the requirements of the Common Practical Assessment Criteria.
- Excellent classroom skills with the ability to employ a range of teaching strategies which engage and support students in the promotion of active learning.
- Enthusiasm for physics beyond the A level specification and an ability to convey that enthusiasm in teaching A level students.
- Ability to contribute to devising engaging schemes of work.
- Evaluative approach to their own teaching and willingness to try new activities and improve their teaching practice.
- Competence in assessing student progress and giving effective feedback using AfL to ensure good progression.
- Good ICT skills including being able to use interactive whiteboards, data logging software and spreadsheet software in a classroom setting.
- Interest in and competence to undertake the duties of a personal tutor for post-16 students.
- Understanding of and commitment to equality, diversity and inclusion in practice.
- Commitment to safeguarding the interests and needs of young people.
- Commitment to widening participation in mathematics and STEM and contributing to Outreach work.

Desirable Requirements

- A working knowledge of Microsoft Teams to set work and communicate with students and other staff.

- Experience of working with high attaining sixth form students and preparing students for admission to high-tariff universities for study in physics, engineering or related disciplines.
- A good grade in A level mathematics.
- Working knowledge of computer programming languages (eg. Python) and the ability to teach and support high-attaining students with coding and computer programming.
- Post graduate study in physics or a related discipline.
- An interest in developing the resource base of the department and the application of new technologies in teaching.

May 2025