



Bishop's Stortford College

PHYSICS TECHNICIAN

SALARIED | AVAILABLE SEPTEMBER 2021

BUILDING CONFIDENCE FOR LIFE

Bishop's Stortford College is one of the leading independent, co-educational day and boarding schools in the country. It is a wonderful place of learning, in a beautiful setting on the edge of a market town between London and Cambridge.



Are you looking to join a team of inspirational Physicists?

The team are warm, friendly, and known within our community of pupils and staff, for their breadth of experience and extensive knowledge of their subject. They are enthusiasts who believe that experimenting and practical lessons are the key to understanding science. They inspire students day after day, with inspirational teaching and the students opt to take physics in high numbers. The department enjoys a very well-equipped department, which bears more similarity to a university lab than a typical school.



The pupils go on exciting trips (there is an annual CERN trip) and achieve excellent results, year on year, and many go on to study the subject at university.

In terms of departmental results: in 2020 at A level 9/18 students achieved A*s and 2019 it was 9/24. At GCSE in 2020 out of approximately 105 students the department achieved 31 grade 9s and 29 grade 8s. In 2019 they achieved 27 grade 9s and 31 grade 8s.

CLOSING DATE FOR APPLICATIONS: MONDAY 17th April 2021, 9AM
INTERVIEWS TO TAKE PLACE: W/C 24th April 2021



Judged 'excellent' in all areas by the Independent Schools Inspectorate

INTRODUCTION TO THE SENIOR SCHOOL

Bishop's Stortford College Senior School is, in the words of ISI inspectors, 'an exceptional learning community' - a place where children, as they enter the teenage years, have wonderful opportunities to become confident, well-rounded and interesting people, who take with them the qualifications, skills, adaptability and respect for others to thrive in the world beyond school.

Ensuring this process of all round growth – academically, morally, spiritually, athletically and creatively – is the aim. Every pupil is encouraged, taught and challenged to fulfil their potential by being immersed in an environment of discovery and wholehearted participation.

Senior School pupils enjoy increasing freedom in choosing how they spend their time, with our highly regarded and extensive activity program, in addition to outstanding sport, music, visual art and drama opportunities, the Duke of Edinburgh Scheme and numerous clubs and societies. The breadth of opportunity is simply stunning even by independent boarding school standards.

The College Houses are a central part of life for all Senior School day pupils and boarders. The strong sense of belonging and level of care between pupils across the year groups, and between pupils and staff, make Bishop's Stortford College a very special place to be.



150+ years old



Set on **100 acres** site



Small class sizes



120+ sports teams



Indoor **swimming pool**



State of the art
fitness centre

JOB DESCRIPTION AND PERSON SPECIFICATION

Job Title	Physics Technician
Terms	37.5 hours Monday to Friday, Term Time Only
Reports to	Head of Physics

Overview

The post-holder will provide essential support to the College via the Head of Department/line manager. The job holder is responsible for the support of teaching in the Physics Department.

Main Functions

The core functions to be carried out by the job holder typically include:

- Preparing equipment to be used in lessons.
- Moving equipment in and out of the labs, as required.
- To test, replace, repair equipment as necessary.
- Ordering equipment and consumables as required
- To keep track of the physics budget, monitoring spending
- To assist putting together the budget requirements each year
- Photocopying exams/worksheets as required.
- To contribute positively to the department.

Additional Duties

The above list is not exhaustive but is by way of example only. Responsibilities and duties may vary from time to time as the position evolves.

A flexible approach to all aspects of this role is essential.

Safety, Health, Environment and Fire

The job holder has a duty to take reasonable care to avoid injury to themselves and to others by their work activity, and to co-operate with the College and others in meeting the statutory requirement of the HASAW Act 1974. Report all accidents and near misses on the day they occur to the line manager.

The job holder is not to interfere with or misuse any equipment provided, in accordance with the act, to protect their health, safety or welfare. Ensure your working environment is safe and comply with all College risk assessments and policy directives.

Equality and Diversity

The College is committed to providing equal opportunity to all employees and pupils. This means that employees are treated fairly, irrespective of sexual orientation, ethnic origin, religion, disability, age, gender, marital status or other reason. The job holder is expected to always comply with the provisions set out in law and the College policies on equality and diversity.

Data Protection

The job holder is required to comply with all College policies and procedures for the safe custody and handling of Personal Data that is stored and used by the College.

Employment Terms and Conditions

Full details of the terms and conditions are set out in a separate booklet that will be issued with this job description. The booklet is reviewed at regular intervals to ensure the College operates within current legislation and to take into account the introduction of new equipment, working practices and techniques. You will be sent amendments to the terms and conditions booklet when they are issued.

Safeguarding

The post holder's responsibility for promoting and safeguarding the welfare of children and young persons for whom they are responsible, or with whom they come into contact will be to adhere to and ensure compliance with the College's Safeguarding Policy at all times. If, in the course of carrying out the duties of the post the post holder becomes aware of any actual or potential risks to the safety or welfare of children in the school they must report any concerns to their Line Manager or the College's relevant Safeguarding Lead.

PERSON SPECIFICATION

The below essential and desirable requirements will be measured using the following:

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|---------------------|------------------------|-------------------------|
| • A covering letter | • Interview | • Medical Questionnaire |
| • CV | • References | • DBS Application |
| • Application Form | • Documentary Evidence | |
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Education and Qualifications

Essential

- Good standard of general education

Desirable

- Relevant vocational qualification

Experience and Skills

Essential

- Willing to learn new skills.
- Good problem solving and practical skills.

Desirable

- Good IT skills would be an advantage
- An ability to maintain, mend or make scientific equipment a distinct advantage
- Scientific background

Personal Qualities

Essential

- Motivation to work with children and young people
- Ability to form and maintain appropriate relationships and personal boundaries with children and young people
- Ability to interact well with all staff in the dept – must be a team player.
- Must be versatile and flexible - willing to do a wide variety of tasks, often at short notice.
- Good problem solving and practical skills.
- Willing to learn new skills.

Other

Essential

- Flexible, motivated, able to work unsupervised and an ability to deal with unpredictable situations.
- Able to take responsibility for own area of work.
- Undertake all the physical requirements of the post and use equipment according to health and safety guidelines.
- Successful candidate requires an enhanced DBS clearance.

