



**FURTHER INFORMATION
HEAD OF COMPUTER SCIENCE AND IT
FULL TIME (OR SUBSTANTIAL PT) – PERMANENT**

Students:

IT BTEC was introduced in the college in 2012 and A level Computer Science in the college in 2018 and both have become popular subjects. We currently have nearly 100 students taking Computer Science and just over 70 taking IT. Computer Science has grown in popularity and we would anticipate that growth may continue further.

Staff:

We currently have a course coordinator for Computer Science but Computer Science has sat within the Physics department, under the Head of Department for Physics. IT BTEC also has a course coordinator but the course has been sitting as a 'department' by itself. We are creating a new Computing and IT department which will contain both the Computer Science A level course and an IT course and this role provides an exciting opportunity for someone to build and lead a new department.

Course and Exam Board:

We currently teach the AQA A Level Computer Science specification. The programming language currently used is C#, with Winforms used as a GUI. The programming teaching is front loaded, with OOP taught in the first year which enables students to begin working on their coursework projects at the end of January in the first year. Robotics has also been part of the college's Complementary Studies programme. We are currently teaching the Edexcel Pearson BTEC IT Extended Certificate 2016 course, due to end 2025.

Department and Facilities:

The teachers within the teaching teams on each of the two courses work closely together, collaborating on all aspects of the course. We also have links with other sixth form colleges in the area and are part of a consortium of colleges called S7. Staff have a college laptop which can also be used as a tablet. We have dedicated classrooms for these courses which are all equipped with PCs and projectors/TV screens. The classrooms are well situated in the centre of the college, close to Maths and Science departments. The department share teaching resources freely, and have access to a variety of other resources including Exam Pro, textbooks by both Bond and Heathcote and class sets of Arduinos and Raspberry Pi computers. All teachers contribute to student support clinics. Departments are supported by an excellent IT Services Team.

Additional Information:

Computer Science is a relatively new area of the college's curriculum and this is an outstanding opportunity to lead its development in the coming years and integrate this course together with our IT offering. We currently have the opportunity to consider which AAQ we will run, for first teaching in 2025, in order to support students who prefer a more vocational approach to learning. The successful applicant will be joining us at a critical moment in developing our Computing and IT provision. They will have the potential to determine the place of the subject in the college's curriculum as broadly as possible, with resulting effects on the development of students' plans for their working lives and the equipping of our society with crucial expertise for the present and future.

College Hours:

College teaching periods start at 8.55 am and end at 4.15 pm. Each teaching period is 65 minutes. Core staff hours are between 10am and 3pm, which provides some flexibility when not teaching the first or last teaching period of a day.

Salary: Salary will be £53,283 to £55,812 per annum, inclusive of fringe area allowance, depending on experience (pro rata).

Closing Date: 9am, Tuesday 27th February 2024

Interviews: w/c 4th March 2024

