

### VENUE AND DURATION OF COURSE:

East Surrey College, Gatton Point, Redhill, RH1 2JX, 2 years full-time.

### ENTRY REQUIREMENTS:

5 GCSE grade 9-4 (A\*-C) that include English, Maths & Science; or BTEC NQF Level 2 Extended Certificate/BTEC QCF Level 2 Diploma Merit/Distinction and GCSE grade 9-4 (A\*-C) in English, Maths & Science.

### WHAT QUALIFICATIONS WILL I GET?

Level 3 National Extended Diploma in Applied Science.

### COURSE DESCRIPTION:

This course is designed to meet the needs of those looking to pursue a career in the fields Biomedical Science or Forensic Science. The qualification is wide-ranging and equivalent to three A Levels. It has been designed as a two-year, full-time programme of study. However, after 1 year you are able to obtain a Level 3 Foundation Diploma in Applied Science.

The BTEC Level 3 National Extended Diploma in Applied Science includes a range of practical laboratory experience and academic study. To assist students in their studies and understanding of science in the wider world this course includes talks from industry professionals and visits to places of scientific interest and industry.

You will develop the analytical, evaluative and technical skills to work within a wide range of scientific industries or to be able to progress to Higher Education level.

### UNITS/TOPICS COVERED:

The course has been broken down into a two-year course studying the following units:

#### Year 1

- Principle and Applications of Science I
- Practical Scientific Procedures and Techniques
- Science Investigation Skills
- Laboratory Techniques and their Application
- Physiology of Human Body Systems
- Biological Molecules and Metabolic Pathways

#### Year 2

- Principles and Applications of Science II
- Investigative Project
- Contemporary Issues in Science
- Material Science
- Diseases and Infections
- Medical Physics Applications
- Forensic Evidence, Collection and Analysis

\* These may be subject to change to match the teaching team's specialisms

**TYPE OF ASSESSMENT:**

You will be assessed through coursework; practical and external assessments plus written examination. Assignments will include case studies, written reports, projects, performance observation and time constrained assessments all with a practical biomedical science theme.

**EQUIPMENT NEEDED:**

All students will be required to purchase a laboratory coat. It is recommended that you purchase a BTEC Level 3 Applied Science textbook. You will also require a scientific calculator and stationery.

**WHERE CAN IT LEAD?**

This course can lead to full degree in courses such as Medical or Forensic Sciences, Nursing, Audiology, Biomedical and Microbiological Science, Psychology, Pharmaceutical sciences and Paramedic science.

**COURSE FEE:**

If you are under 19 on 31/08/2023, tuition is free. If you are 19 or over, please consult Client Services for advice and guidance on funding and eligibility.

You will be required to purchase a laboratory coat. Please be aware that there may be additional costs for equipment and educational visits. This information will be available from the curriculum staff at interview.

**WHAT TO DO NEXT:**

If you have any outstanding queries please contact our Client Services team on 01737 788444 or at [clientservices@esc.ac.uk](mailto:clientservices@esc.ac.uk).

To apply online for this course please visit [www.esc.ac.uk](http://www.esc.ac.uk).

**Disclaimer:**

Every effort has been made to ensure that the details contained in this leaflet are up-to-date and accurate at the time of printing. However, the College reserves the right to alter or cancel courses, their content, entry requirements, fees or other details should circumstances dictate.

Should you require this leaflet in a different format please contact Client Services on 01737 788444.

