

### VENUE AND DURATION OF COURSE:

East Surrey College, Gatton Point, Redhill, RH1 2JX, 1 year Full-time.

### ENTRY REQUIREMENTS:

4 GCSEs grade 9-3 (A\*-D) including English, Maths & Science or BTEC Level 1 Diploma Pass.

### WHAT QUALIFICATIONS WILL I GET?

Level 2 Extended Certificate in Applied Science.

### COURSE DESCRIPTION:

This qualification is for students inspired and enthused by the opportunity to have a career in Science. This course is designed to give students the opportunity to gain a wider knowledge and understanding of the theory and practical skills in Biology, Chemistry and Physics.

The Level 2 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.

All 16–18-year-olds are required to complete a minimum of 1 week's work placement (35 hours)\* at a time agreed by your department head. \*Exact number of hours required will depend on the level course you are enrolled on.

### UNITS/TOPICS COVERED:

All the content of the qualification is mandatory and relates directly to the skills, knowledge and behaviours expected by employers in the science laboratory sector. The areas covered include:

- Principles of Science
- Chemistry and our Earth
- Energy and our Universe
- Biology and our Environment
- Applications of Chemical Substances
- Applications of Physical Science
- Health Applications of Life Science
- Scientific Skills
- World Energy
- The Living Body
- Investigating a Crime Scene
- Understanding Human Behaviour

### TYPE OF ASSESSMENT:

Assessment is through coursework; practical and external assessments plus written examinations. Assignments will include case studies, written reports, projects, performance observations all with a Laboratory Science practical theme.

### EQUIPMENT NEEDED:

All students will be required to purchase a laboratory coat. You will also require a scientific calculator and stationery.

## WHERE CAN IT LEAD?

It can lead to the Level 3 National Extended Diploma in Applied Science (which will involve pathways for Biomedical Science and Forensic Science). Other options include jobs as a Dental Laboratory Assistant, Healthcare Science Assistant, Laboratory Technician and Laboratory Assistant.

## COURSE FEE:

If you are under 19 on 31/08/2024, 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.

