

Validated by the University of Chichester

VENUE AND DURATION OF COURSE:

East Surrey College (Institution Number: E32), Gatton Point, Redhill, RH1 2JX.
2 years, Full-time, 1.5 days per week, term time only.

ENTRY REQUIREMENTS:

64 or more UCAS points obtained through A-Levels or equivalent (e.g. BTEC National Diploma or T Level). GCSE English and Maths at grade 4 (C) or above. Mature students without the above qualifications are welcome to apply to this course if they have sufficient professional experience. It may be possible to accredit prior learning for some modules (depending on level and learning outcomes).

PROGRAMME OVERVIEW:

This Foundation Degree includes the study of such topics as client-side and server-side scripting, and database design and implementation using SQL, all of which contribute to the current extraordinary achievements of the Internet and provide solid foundations for the next major iteration of the Web that is being built upon Artificial Intelligence and Machine Learning technologies as well as projects like Progressive Web Apps (PWAs). We will introduce students to a selection of current technologies like network detection of and protection against unsolicited and extraneous network traffic to the organisation, networks simulators like CISCO's Packet Tracer, and penetration testing tools like METASPOIL to probe IT systems vulnerabilities. This topic integrates well within the project-based approach of the programme that reflects 'real life' problems that students can expect to encounter in the world of the cyber security industry.

NOTE: This course forms one of the pathways offered at East Surrey College. To qualify for this degree, you will be required to take core modules that are shared across the three pathways: Web Technologies & Development (WTD), Cyber Security (CS) and Cloud Computing (CC).

PROGRAMME STRUCTURE:

YEAR ONE

Modules include:

CS100 - Security Fundamentals
CS101 - Software Development Concepts
WTD102 - Web Server Implementation
CS103 - Computer Systems & Networks
WTD103 - Network Forensics
WTD105 - Project Management

YEAR TWO

Modules include:

WTD200 - Group Project
CS201 - Ethical Hacking
CS202 - Cyber Security Design Principles
WTD203 - Systems & Commands Line
WTD204 - Advanced Topics in Cloud Computing & Cyber Security

PROFESSIONAL RECOGNITION:

Cyber Security Foundation Degree (FdSc) (2 years – Level 4 and Level 5).



ASSESSMENT:

Assessment is undertaken through a range of techniques including assignment work, presentations, short tests, practical tasks, projects and other modern methodologies.

TUITION FEE:

£8,116* per year in 2024/2025. 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.

STUDENT LOANS AND FINANCIAL SUPPORT:

Full-time and Part-time students from the UK/EU who are studying for a Higher Education course can apply to the Student Loans Company (www.slc.co.uk) for a Tuition Fee Loan for the full amount (this will be paid directly to the College). Additionally, Full-time UK-only students can apply for a Maintenance Loan (to cover living costs). The Government have also introduced the Maintenance Loans to Part-time students. Evidence of an approved loan must be provided at enrolment in the form of the Payment Advice letter provided by the Student Loans Company. Further details of how to apply for a Student Loan can be found at www.direct.gov.uk/studentfinance.

OTHER PAYMENT METHODS:

If you are not eligible for financial support you will need to pay for the course privately which could include a contribution from your employer. For more information, visit: www.esc.ac.uk/higher-education/finance-loans-and-accommodation.

WHERE CAN IT LEAD?

Employment opportunities enhanced by your increasing ability to contribute to an organisation will range from careers in software development and IT Project Coordinator to Full Stack Web Developer and Database Administrator. You could demonstrate the potential to move to supervisory and eventually management roles. It is also a well-regarded qualification for progression to the third year of an Honours Degree.

HOW TO APPLY:

Applications must be made via UCAS at www.ucas.com quoting our UCAS College code E32 – until Clearing is entered on 30 June 2024. If you have any outstanding queries, please contact our Client Services team on 01737 788444, or email: clientservices@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.