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 cloud computing, concepts in software development, networks forensics, computer systems and security, and cloud architecture, all of which will provide solid foundations in understanding the new revolution in data storage and processing through a series of cloud computing services. We will introduce students to a selection of current technologies like cloud architecture and designing for the enterprise so to enable smooth migration of operational and IT solutions to remote cloud services. We will also introduce software and database concepts to delve deeper into the world of cloud computing and data analytics. Students will have the opportunity to use industry-standard tools and services like the ones provided by Amazon's AWS and to develop employability skills through practical projects both in the classroom and the cloud computing platforms.

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:

<u>YEAR ONE</u>
Modules include:

CC100 - Introduction to Cloud Computing
CS101 - Software Development Concepts
WTD102 - Web Server Implementation
CS103 - Computer Systems & Networks
WTD104 - Database Design & Implementation
WTD105 - Project Management

<u>YEAR TWO</u>
Modules include:

WTD200 - Group Project
CC201 - Enterprise Architecture and Cloud Computing
WTD202 - Object-oriented Framework Techniques
WTD203 - Systems & Commands Line
WTD204 - Advanced Topics in Cloud Computing & Cyber Security

PROFESSIONAL RECOGNITION:
Cloud Computing 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.