Changes to previous information

During the global COVID-19 pandemic, we prioritised the health, wellbeing and safety of our students and staff.

As we start the new academic year, your health, wellbeing and safety remains our top priority. This means when we return to our campuses and buildings in September 2020 social distancing and other health and safety measures will be in place. This is to help keep you, and others around you, safe. We will respond to the requirements of vulnerable students regarding their personal safety on an individual basis.

We remain committed to delivering an outstanding education and student experience both on campus and online. Like most universities, we'll be providing a mix of on-site face-to-face and digital learning and teaching. The exact mix will vary between courses and course modules taking into account teaching requirements and other considerations such as meeting the safety of vulnerable staff.

It is important to emphasise that a face-to-face, on-site experience will be delivered within the Government and Public Health England guidance and providing there are no serious unforeseeable public health issues that result in the Government introducing further lockdown measures.

Our response to the pandemic means we may have made changes to your course. This is to take account of these important health and safety measures.

We ask you to read the information provided about course changes carefully. We detail what we include in our online prospectus and explain what has changed.

You should read our statement of changes alongside any information provided in videos, at open days or in other promotional materials. This is because the information may also have been affected by the changes we had to make. We are providing this information so you can make an informed choice about whether the course remains suitable for you.

When you register for your course, you will be asked to confirm you have read about our changes and you agree to them. It means that by choosing to continue with your application, and register with us, you accept these changes and are happy to study your course with us.

We really look forward to seeing you in the next academic year. In the meantime, if you want to find out more about University life from this September, and being part of our supportive and welcoming community, please visit our September 2020 web pages.

	Current published course related information	
Course title	Computer Forensics and Security with Foundation Year	
Award level	BSc– Single honours	
How do you want to study?		
Start Date	Sept 2020	
Modes of study	Full-time	
Duration	4 years full-time	
UCAS code	FG4F	
Location	Canterbury	
Partner institution	N/A	
Available with a Foundation Year	N/A	
Overview		
	Computer forensics and security are dynamic and growing areas of computing. As cybercrime continues to rise, so does the need for computing professionals to nurture the skills to defend against and investigate it.

You'll study specialist computing forensics and security issues alongside broader computing topics, using a variety of the most up-to-date tools and techniques. With significant demand for skilled graduates in the fields of digital forensics and cybersecurity, this degree brings with it excellent career prospects.

Our foundation year option enables you to join the Computer Forensics and Security course even if you don't have the formal qualifications or experience to meet the entry requirements. It equips you with the knowledge to move into formal degree study, setting you up for future success. | |
| **Why study Computer Forensics and Security with Foundation year?** | | |
| | There has never been a better time for you to enter the computer forensics and cyber security profession. A recent report issued | There has never been a better time for you to enter the computer forensics and cyber security profession. A recent |

	by Parliament on Cyber Security Skills and the UK's Critical National Infrastructure identified a UK crisis resulting from a high demand and low supply of talent. During the course, you'll delve into many aspects of computing and will develop the skills needed to help to tackle challenging computing forensics and security issues. You'll learn how cyber security protects organisational ecosystems (including computer systems) from malicious attacks, human error, and the exploitation of vulnerabilities. You'll also explore how ethical hacking approaches can be used to highlight security vulnerabilities so that they can be fixed or mitigated. Cyber security incidents can have a number of outcomes, including civil litigation or criminal prosecution. You'll develop skills to use computer forensic techniques to recover intelligence and evidence from digital devices for the purposes of both civil litigation and criminal prosecution.	report issued by Parliament on Cyber Security Skills and the UK's Critical National Infrastructure identified a UK crisis resulting from a high demand and low supply of talent. BREXIT and COVID19 has resulted in an increase in Cyber crime activities. During the course, you'll delve into many aspects of computing and will develop the skills needed to help to tackle challenging computing forensics and security issues. **The course learning is adhering to [World Health Organisation (WHO)](#) and [UK GOV Coronavirus guidance](#) to ensure a safe learning and working environment during COVID19 endemic. The course will consist of blend of on and off campus practical learning in computing laboratories and off-campus on-line theoretical and practical learning. The off-campus hands on practical learning are being designed to use open source, student licensed software (which we have invested in) and cloud-based software resources so we can support your learning in your home. The on and off campus and on-line practical learning are being designed to help you develop practical skills, also an enquiring mind and demonstrating your technical skills and creativity.** **On-line learning will be provided by virtual learning environment Blackboard and appropriate specialist software tools that support certain module areas, for example computer programming using MS Visual Studio Live.** Read less **The on and off campus on-line practical elements of the course we will help you develop on and off campus will prepare**

		you to enter a career in the fast-developing computer forensics and security. You'll learn how cyber security protects organisational ecosystems (including computer systems) from malicious attacks, human error, and the exploitation of vulnerabilities. You'll also explore how ethical hacking approaches can be used to highlight security vulnerabilities so that they can be fixed or mitigated. Cyber security incidents can have a number of outcomes, including civil litigation or criminal prosecution. You'll develop skills to use computer forensic techniques to recover intelligence and evidence from digital devices for the purposes of both civil litigation and criminal prosecution.

Entry requirements	Applicants should normally have 32 UCAS Tariff points. We will also welcome applications from students with few or no formal Level 3 qualifications who wish to return to education and applicants may be asked to attend an interview. More information about entry requirements. BSc Computer Forensics and Security is also available without a foundation year.	
About the course		
Years 0-4	During the foundation year you'll gain the skills needed to study at degree level and you'll learn about key aspects of computing: programming concepts working with hardware working with software computing in society mathematics or advanced mathematics. You'll also carry out a programming project. If you currently have a pass at GCSE in mathematics, or equivalent, you may take the Advanced Mathematics module which, on successful passing of the foundation year, would mean you are eligible to progress onto your chosen degree (Computer Forensics and Security, Computer Science, Business Information Systems, Computing, or Software Engineering). If you do not currently have a GCSE in mathematics (or equivalent), you must take the Mathematics module. If you are not confident in your mathematics capability, but do have a GCSE mathematics or equivalent, you may take the Mathematics module. Students who take this module can progress to the Business Information Systems, Computer Forensics and Security, Computing, or Software Engineering degrees only (i.e. not computer science).	During the foundation year you'll gain the skills needed to study at degree level and you'll learn about key aspects of computing: programming concepts working with hardware working with software computing in society mathematics or advanced mathematics. You'll also carry out a programming project. If you currently have a pass at GCSE in mathematics, or equivalent, you may take the Advanced Mathematics module which, on successful passing of the foundation year, would mean you are eligible to progress onto your chosen degree (Computer Forensics and Security, Computer Science, Business Information Systems, Computing, or Software Engineering). If you do not currently have a GCSE in mathematics (or equivalent), you must take the Mathematics module. If you are not confident in your mathematics capability, but do have a GCSE mathematics or equivalent, you may take the Mathematics module. Students who take this module can progress to the Business Information Systems, Computer Forensics and Security, Computing, or Software Engineering degrees only (i.e. not computer science).

During the degree, you'll study specialist computing forensics and security topics, such as tracing online evidence, structure of popular file systems, recovery of digital artefacts and cybersecurity threats alongside broader computing topics.

Each year builds on previous knowledge and understanding to reach an advanced standing in the area and you'll be encouraged to develop as an independent thinker and solution finder.

You'll be working in the Microsoft Windows and Linux operating systems along with programming languages such as C#, Bash and Python. A mixture of forensic and security tools such as Autopsy Forensic Browser, EnCase, X-Ways, FTK, XRY, Cellebrite, Metasploit, nmap and Wireshark will be used.

In the final year, you'll undertake a substantive piece of research in the Individual Study module. This will allow you to demonstrate your capabilities across the whole range of activities that you have been taught in the previous years as well as research new elements; this may include development of a small software artefact. You will also study some advanced areas in the field.

You may decide to the take placement option, allowing you to put your classroom knowledge into practice in Computer Forensics/Security in order to consolidate your skills and to enhance your employability prospects. There is compelling research by Jones, Green and Higson (2015) that shows that students who undertake placements also tend to perform more strongly academically on return from their placement in their final year of study.

We have also offered a number of paid summer student internships open to students to apply for. A previous opportunity involved two students who undertook a development internship with

During the degree, you'll study specialist computing forensics and security topics, such as tracing online evidence, structure of popular file systems, recovery of digital artefacts and cybersecurity threats alongside broader computing topics.

All through the course, you'll experience through hands-on learning from on and off campus and on-line learning. You will undertake group projects, typically sourced from industry or akin to problems in industry. Your groupwork will be supported through the use on-line tools and on-line project management solutions. You'll also develop skills enabling you to:

- work effectively and supportively in diverse and inclusive groups
- communicate effectively in groups and one to one
- apply project management to group-work
- apply principles of commercial management and consideration of wider issues.

Each year builds on previous knowledge and understanding to reach an advanced standing in the area and you'll be encouraged to develop as an independent thinker and solution finder.

You'll be working in the Microsoft Windows and Linux operating systems along with programming languages such as C#, Bash and Python. A mixture of forensic and security tools such as Autopsy Forensic Browser, EnCase, X-Ways, FTK, XRY, Cellebrite, Metasploit, nmap and Wireshark will be used.

In the final year, you'll undertake a substantive piece of research in the Individual Study module. This will allow you to demonstrate your capabilities across the whole range of activities that you have been taught in the previous

us to look at the production of a prototype healthcare system. This was used to demonstrate the capability of such a system to surgical teams in Kent. We typically organise a small number of optional trips to places such as the National Computing Museum at Bletchley Park, as well as welcoming guest lecturers.	years as well as research new elements; this may include development of a small software artefact. You will also study some advanced areas in the field. **You will have the opportunity to take in your third year, providing you meet the requirements. If you can identify and secure a placement opportunity, with the support from the computing team. A placement will provide you with the further opportunity to develop your skills as a practicing computing professional, a personal development plan and evidence of your abilities for your future employers.** You may decide to the take placement option, allowing you to put your classroom knowledge into practice in Computer Forensics/Security in order to consolidate your skills and to enhance your employability prospects. There is compelling research by Jones, Green and Higson (2015) that shows that students who undertake placements also tend to perform more strongly academically on return from their placement in their final year of study. We have also offered a number of paid summer student internships open to students to apply for. A previous opportunity involved two students who undertook a development internship with us to look at the production of a prototype healthcare system. This was used to demonstrate the capability of such a system to surgical teams in Kent. We typically organise a guest speakers and computer security conference these will typically be on-line.

Module information

- Please note that the list of optional modules and their availability may be subject to change. We continually review and where appropriate, revise the range of modules on offer to reflect changes in the subject and ensure the best student experience. Modules will vary when studied in combination with another subject.

Foundation Year

	Working with Software	

	Core module - (20 Credits) The aim of this module is to ensure that you have a good grounding in the software we use every day in computing to document and to capture information about computer systems, including video editing packages.	
	Working with Computer Hardware Core module - (20 Credits) You'll learn the basics of how electronic and logical systems create computer hardware and you'll develop simple systems for Arduino and Raspberry Pi computers.	
	Programming Concepts Core module - (20 Credits) In this module, you'll learn some basics of computer programming using a language such as Python. You'll learn to write simple programs and test them to ensure that they are working properly.	
	Mathematics / Advanced Mathematics Core module - (20 Credits) Much of what we do in computing has a mathematical basis to it. During this module, you'll learn or refresh your knowledge of the mathematics most commonly used in computing. If you have already achieved a good GCSE, or equivalent, you may study the Advanced Mathematics module.	
	Computing in Society Core module - (20 Credits) You'll investigate the role of computing in society and how computing can affect the society we live in. For example, you may look at how computer technology has: enabled the casualisation of labour through platforms such as Uber and Deliveroo; changed the shape of the high street with companies such as Amazon and changed the way we communicate and inform ourselves about the world through social media platforms such as Facebook.	

	Development Project Core module - (20 Credits) This project provides you with the opportunity to demonstrate your abilities to develop a solution to a problem area using either hardware and software. You'll also learn techniques to keep on track with your project and ensure what you build benefits a target audience in some way.	
Core year 1		
	Introduction to C# Core module - (20 Credits) This module will introduce you to the C# programming language and the Visual Studio Integrated Development Environment (IDE). This initial module in computer programming assumes no prior knowledge of programming.	
	Fundamentals of Computer Systems Core module - (20 Credits) This module will introduce you to the base concepts of the binary computer through interaction with small devices such as the Raspberry Pi and programming such devices to work with external hardware devices. You'll examine components, operation and basic elements of data storage.	
	Introduction to Forensic Investigation Core module - (20 Credits) You'll learn about the key concepts and theories underpinning forensic investigation, which will help to prepare you for later modules. You'll study Locard's theory on transfer and Kirk's assertions regarding uniqueness and individualisation. You'll then go on to explore the application of these concepts to the chief forms of evidence sought by forensic investigators, such as fingerprints, DNA, marks and digital evidence. You'll also study the nature of science, the analysis of arguments and inductive and deductive reasoning.	Introducing Forensic Investigation Core module - (20 Credits) This module was called Introduction to Forensic Investigation. This has been updated to Introducing Forensic Investigation to provide more relevant uptodate learning. You will explore the key concepts underpinning forensic investigation and you'll examine Locard's theory on transfer, Kirk's assertions regarding uniqueness and the divisibility of matter. You'll look at how these concepts are applied to the most common forms of evidence sought by forensic investigators, such as finger marks, DNA, marks and trace evidence. You'll then consider

		how these might be usefully employed in a criminal case.
9	Computer Forensics and Cybersecurity Core module - (20 Credits) In this module, you'll develop your knowledge and understanding of key principles and concepts underpinning computer forensics and cybersecurity. You'll study both the theoretical and practical skills underpinning computer forensic and cybersecurity activities, and develop problem-solving skills based on first principles to enable you to commence your career as an effective forensic practitioner. You'll also gain an understanding of the frameworks that govern how practitioners engage with a crime scene, in particular the initial assessment of the scene through to the allocation of physical, financial and human resources to ensure that the scene can be harvested for all available computer (including microprocessor) evidence and intelligence. These principles apply equally to both criminal investigations and corporate investigations, such as network breaches/hacking, that may end up in a court. The module also aims to prepare you to operate within the civil litigation arena with an awareness of legislation and best practice across multiple jurisdictions.	
	Forensic Practice and Law Core module - (20 Credits) This module will develop your understanding of the concepts studied in the Introduction to Forensic Investigation module by more deeply examining the multi-agency approach to criminal investigations and the unbroken chain followed by evidence from crime scene to court. You'll explore the roles of key personnel, the context of evidence and its suitability for presentation to the courts. You'll also study the key concept of co-operation and multi-agency approaches to investigation.	Application Development Core module - (20 Credits) The Forensic Practice and Law module has been withdrawn by the School of Law, Criminal Justice and Policing. We have reviewed the programme with the students, and the current students stated a desire to do more Computer Programming. In Application Development module you will increase your capability to develop simple C# solutions to problem situations. This will cover more complex programming concepts as well as concepts of Graphical User Interface development and design and linking C# systems to file store and database systems.

	Ethics, Professionalism and Employability in Computing Core module - (20 Credits) This module provides you with a good understanding of ethical, professional and employability issues that you will encounter when embarking on a career in Computing. The module will focus on the kind of roles available to computer professionals and discuss the choices required, both in general and with regard to the degree modules that might best guide you into a particular career. You'll have the opportunity to research and explore the knowledge required for your chosen career and will be encouraged to discuss the ethical and professional issues relating to these areas.	
Optional year 1		
	N/A	
Core year 2		
	Research Methods Core module - (20 Credits) You'll gain an understanding of the methodologies that are essential to conduct research in the area of computing. This will form important theoretical underpinnings for the 'Individual Study' module in Year 3, which is itself research based. You'll get to understand the elements of research process including formulating questions, understanding the theory and ethics, building evidences, assessing validity and presenting results. You'll also undertake analysis using a range of qualitative and quantitative data and will be encouraged to critically evaluate methods, strategies and data used in research.	
	Data Recovery and Analysis Core module - (20 Credits) The module provides you with a deeper understanding of computer architecture, operating systems and networking from a data storage perspective, and how this information relates to the recovery and analysis of such data. You'll explore the	

	underlying techniques used by data recovery tools to enable them to test and evaluate such tools in line with the requirements with industry practice linked to quality standards, such as the Forensic Regulator's Codes of Practice and Conduct (Forensic Science Regulator, 2017). The module will equip you with the necessary skills to identify, examine and present digital evidence obtained from a computer system, using commercial, open source and free tools to carry out a digital investigation.	
	Mobile Database Investigation Core module - (20 Credits)

Many handheld devices store digital data in databases located within the device. In this module, you'll develop your knowledge and understanding of the key principles and concepts needed to perform mobile device databases analysis and investigation. You'll explore the fundamental issues involved in database application system implementation using an industry-standard database management system along with an overview of the underling theory. You'll develop skills to exploit your knowledge of metadata and file systems to analyse and recover database data from popular Database Management Systems (DBMS), such as SQLite. | Database Enhancement Group Project Core module - (20 Credits)

This module was called Mobile Database Investigation. This has been updated to the module Database Enhancement Group Project to provide more relevant uptodate learning. This Database Enhancement Group Project module aims to give you practical appreciation of the fundamental issues involved in designing, implementing and testing a small relational database application in a multi-user environment using an industry standard database management system. You will be taking an existing database and making improvements to this while understanding the modelling concepts and theory to understand database systems. |
| | Digital Forensics and Ethical Hacking Core module - (20 Credits)

This module provides you with the opportunity to develop knowledge and skills in digital forensics and in ethical hacking. From a digital forensics perspective, it provides you with the knowledge to professionally, systematically and impartially approach the identification, preservation, recovery and analysis of all relevant evidence from digital devices using appropriate tools and techniques. From a computer security perspective, you'll have the opportunity to | |

	develop theory and practice in ethical hacking through the examination of the principles, theories and technical skills required in ethical hacking and the design of countermeasures.	
	Networking and Operating Systems Core module - (20 Credits) The aim of this module is to introduce you to basic principles of operating systems to enable you to undertake practical exercises on basic administrative tasks. You'll also be introduced to the fundamental aspects of computer networks. Key aspects such as the design, construction and operation of local and wide area networks, and the layered protocol architecture are covered. The module aims to reinforce the taught material using physical equipment and software tools in a laboratory environment.	
	Computer Security Core module - (20 Credits) This module introduces you to the concepts, practices and issues of ensuring computer systems are kept secure. You'll gain a basic understanding of the security threats and mechanisms and you'll be able to assess their impact, as well as combat and mitigate against them. You'll also be taught how to use applications and tools for detection, prevention and auditing of security threats including malware, human factors and physical security.	
Optional year 2		
	N/A	
Core year 3		
	Individual Study - Part A Core module - (20 Credits) The Individual Study is your opportunity to demonstrate your capabilities and what you have learned over your time at University. It is worth a third of your final year credits. You'll perform a research task that will usually involve literature and practical work. You'll write a dissertation to describe your work and create a poster	Individual Study Core module - (40 Credits) The Individual Study is your opportunity to demonstrate your capabilities and what you have learned over your time at University. It is worth a third of your final year credits. You'll perform a research task that will usually involve literature and practical work. You'll write a dissertation to describe your work and

	to present the work to a broad range of people.	create a poster to present the work to a broad range of people.
	Advanced Networking Core module - (20 Credits) Building on the Year 2 module 'Networking and Operating Systems', this module aims to prepare you to meet the challenges in a constantly advancing industry and equip you with advanced knowledge and understanding of recent advancements in communications and networking technologies. The module further aims to develop your ability to analyse and evaluate network related problems and draw on the theoretical and practical knowledge to tackle operational, management and regulatory issues.	
	Cybersecurity Core module - (20 Credits) In this module, you'll learn to how to perform a risk assessment of a variety of assets linked to an organisation, such as information, computers, networks, delivery and supply chains, people and buildings. You'll then develop skills to protect information systems (hardware, software and associated infrastructure), the data on them, and the services they provide, from unauthorised access, harm or misuse.	
	Individual Study - Part B Core module - (20 Credits) You'll continue your work on the Individual Study that you started in the first semester.	Delete, as incorrect.
	Current Issues in Computing Core module - (20 Credits) This module focuses on a range of current issues within the field of computing and places them with a broader academic context providing a multi-disciplinary perspective to an otherwise specialised field of study. No prior knowledge of disciplines outside the field of computing is required, but a good understanding of computer related subjects is assumed.	

Optional year 3		
	Expert and Professional Witnesses Optional module - (20 Credits) This module will familiarise you with the legal system for England and Wales in order to develop your knowledge of the law, structure and processes related to operating as an expert witness. You'll then go on to explore the roles, responsibilities and scope of lay witnesses, professional witnesses and expert witnesses in forensic investigations and the methods and models that the expert uses to interpret the value of forensic evidence. Towards the end of the module, you'll have an opportunity to participate in a moot court exercise to build your confidence and practical experience. To support this activity, you'll be given extensive training in communication and transaction theories. Case examples are used to demonstrate key theories where appropriate.	
	Advanced Operating Systems Optional module - (20 Credits) This module provides you with a theoretical overview of the key concepts underpinning the design of modern operating systems. You'll develop skills to critically analyse and apply this theory to real-world uses of operating systems.	

How you'll learn		
Teaching	The course uses elements of the pioneering CDIO (conceive, design, implement, operate) international engineering education model, developed by the world-renowned Massachusetts Institute of Technology. CDIO gives you a rich hands-on experience and some of your teaching will be done via real-world inspired projects. You'll be taught through a combination of lectures, seminars and practical labs. You'll typically have around 12 contact hours per week (depending on your module choices) and are expected to also spend about 4 hours each week co-ordinating with team members on group activities. Lab work usually involves working in small groups where you can discuss and develop your understanding of topics covered in lectures and put theory into practice. You'll also have regular scheduled meetings, in addition to the above contact hours, with an assigned academic personal tutor. All courses are informed by the University's Learning and Teaching Strategy 2015-2022.	**The course learning is adhering to [World Health Organisation (WHO)](#) and [UK GOV Coronavirus guidance](#) to ensure a safe learning and working environment during COVID19 endemic. The course will consist of blend of on and off campus practical learning in computing laboratories and off-campus on-line theoretical and practical learning. The off-campus hands on practical learning are being designed to use open source, student licensed software (which we have invested in) and cloud-based software resources so we can support your learning in your home. The on and off campus and on-line practical learning are being designed to help you develop practical skills, also an enquiring mind and demonstrating your technical skills and creativity.** **On-line learning will be provided by virtual learning environment Blackboard and appropriate specialist software tools that support certain module areas, for example computer programming using MS Visual Studio Live.** The course uses elements of the pioneering CDIO (conceive, design, implement, operate) international engineering education model, developed by the world-renowned Massachusetts Institute of Technology. CDIO gives you a rich hands-on experience and some of your teaching will be done via real-world inspired projects. You'll be taught through a combination of on and off campus and on-line lectures, seminars and practical labs. You'll typically have around 50 contact hours per semester (depending on your module choices) and are expected to

		also spend about 150 hours each semester co-ordinating with team members on group activities. On and off campus, online Lab work usually involves working in small groups where you can discuss and develop your understanding of topics covered in lectures and put theory into practice. You will also have regular scheduled meetings on-line and in person, in addition to the above contact hours, with an assigned academic personal tutor, which is your first point of contact for assistance to your undergraduates needs. All courses are informed by the University's Learning and Teaching Strategy 2015-2022

Independent study	When not attending timetabled sessions, you'll continue learning through self-study. Typically, this involves completing computer-based exercises, preparing for workshops and seminars, undertaking research in the library, working on projects, undertaking coursework assignments or preparing for class tests and examinations and reading journal articles and books. Your module leader will direct you towards specific readings and/or activities to complete before class. For your final year Individual Study (dissertation), you'll undertake independent research and will be assigned a supervisor, who will guide you through your first substantial and independent work during regular scheduled meetings.	
Overall workload	Your overall workload typically consists of 12 contact hours and an additional 25 hours of independent learning per week. In addition, there may be field trips. For each 20 credit module, your study time will about 10 hours a week plus work on assessments or preparation for examinations. Assessments would normally be expected to take approximately 50 hours for an assignment worth 50% of a 20 credit module. A similar amount of preparation and revision time would be expected for an examination worth 50% of a 20 credit module.	Your overall workload typically consists of per module of 50 contact hours and an additional 150 hours of independent learning per semester. In addition, there may be field trips permitting WHO guidance on social distancing. For each 20 credit module, your study time will about 10 hours a week plus work on assessments or preparation for examinations. Assessments would normally be expected to take approximately 50 hours for an assignment worth 50% of a 20 credit module. A similar amount of preparation and revision time would be expected for an examination worth 50% of a 20 credit module.
Academic input	The team consists of highly qualified academics. They have a range of expertise and experience. All our team members hold Doctoral or professional qualifications (e.g. Member of the British Computer Society or Eur. Ing.). Find out more about the current teaching. You should note members of the teaching team might change.	

	Postgraduate students assist in some teaching and assessing some modules. However, experienced academics teach the majority of lectures and seminars.	

How you'll be assessed

		Additional information
	You'll be assessed largely by coursework and project work, though some modules will also have examinations or class tests. Coursework is mainly practically-oriented with appropriate theoretical elements to ensure a well rounded education. Assessments are generally individual, with group work in some modules where this matches the approaches used in industry. We use coursework assessment methods based on their suitability for specific modules. Formative feedback is provided formally in Year 1 and during the Year 3 individual study, and informally in workshops and seminars. Methods of assessment used include production of software artefacts, project plans and diaries, essays, reports, 'investigation-based' presentations, oral presentations, individual studies/projects, poster presentations, online assessment, logs, examinations and time constrained assignments. **Feedback** You'll receive feedback on all practice assessments and on formal assessments undertaken by coursework. Feedback on examination performance is available upon request from the module leader. Feedback is intended to help you learn and you are encouraged to discuss it with your module tutor. We aim to provide you with feedback within 15 working days of hand-in (formal coursework assessment).	**Each academic year consists of a mix of modules that are assessed by coursework only, to modules that are assessed by examination and coursework.** **In class tests or Examinations maybe open-book, closed book style exam, on-line, or 24hr take home exam.** **Coursework may include, Engineering log book, Technical drawings, Wiki pages, blogs, pitches to industry, posters, leaflets, engineering manual, etc.**
Year 1	50% assessment 38% class test examination 13% debate	
Year 2	83% assessment 17% class test examination	
Year 3	70% assessment 20% presentation 10% dissertation	

Your future career

	As well as a breadth of technical skills, you will develop hugely important professional skills to enable you to engage successfully with employers and their business. The	

	option to take a year in industry as part of your degree provides an immersive experience for you to enrich your technical and professional skills further. Areas of work for the computer forensic/cyber security professional include, but are not limited to digital forensic investigation in law enforcement, the intelligence services (MI5), consultancy, financial services or healthcare. Staff at Canterbury Christ Church have real-life experience in all of these areas and are well placed to advise what practitioner life is really like at the operational end of cyber security work. You will also have a strong grounding for further study on specialist Masters or Research (MPhil/PhD) programmes. This degree will stand you in good stead to work towards professional qualifications with a number of commercial providers and also those of the British Computer Society.	
Fees		
FY UK/EU	Full-time £7,050	
	Part-time N/A	
FY Overseas	Full-time 9,910	
	Part-time N/A	
UK/EU	Full-time £9,250	
	Part-time £4,625	
Overseas	Full-time £13,000	
	Part-time N/A	
UK/EU – Placement Year	Full-time £1,850	
	Part-time N/A	
Overseas – Placement Year	Full-time N/A	
	Part time N/A	

Course specific costs

Field Trips (including trips abroad and trips to museums, theatres, workshops etc)	We run several part-funded optional trips per year. Students are expected to pay a share of the overall cost: Typically in the order of £10-£20 per trip for UK regional trips. These are payable two weeks or more in advance of the trip. Fee will cover part of the travel and entry fee (if any). Food and drink are not included. We are hoping to run optional trips further afield in the UK or abroad. A larger student cost may be required for these. This will be indicated to students in advance. Wherever possible we will look to maximise the subsidy offered for the trip.	**There may be optional travel to off site locations and field trips will arranged in line with World Health Organisation (WHO) and UK GOV Coronavirus guidance This is to ensure a safe learning and working environment for all parties.** Students are expected to pay a share of the overall cost: Typically in the order of £10-£20 per trip for UK regional trips. These are payable two weeks or more in advance of the trip. Fee will cover part of the travel and entry fee (if any). Food and drink are not included. Also, possible opportunities to visit Industrial facilities on-line.
Travel and Accommodation costs for placements	Students who take the Placement module in Year 3 will be expected to self-fund all travel, accommodation if required, and subsistence costs.	
Text books	Some modules require a purchase of a text book. Text books in computing can cost between £10 and £70 per book. Other modules will use either free books or students will use a number of different books from the library. Students select which books to purchase. Books are highlighted in the first lecture few lectures of a module.	
Clothing/kit	Not required, unless required for placement, where the student will be responsible for these costs, unless essential Health and Safety requirements, where the placement partner organisation will bear the costs.	
Social Events	We do not charge for programme social events at the start and end of each year. Other social events may make a small charge of £15 or less to cover costs.	
Professional accreditation	N/A	
Industry links		

Other important information		
Date of publishing	29/06/2020	