

JOB DESCRIPTION

Job Title:	Lecturer in Cyber Security	Grade:	AC2
Department:	School of Computing and Mathematical Sciences	Date of Job Evaluation:	January 2023
Role reports to:	Head of School of Computing and Mathematical Sciences	SOC Code	2311
Direct Reports	<ul style="list-style-type: none"> • Head of the Centre for Sustainable Cyber Security (CS2) • Programme Leaders 		

This role profile is non-contractual and provided for guidance. It will be updated and amended from time to time in accordance with the changing needs of the University and the requirements of the job.

PURPOSE OF ROLE:

To conduct high quality research and teaching on undergraduate and postgraduate programmes in Computer Science areas, including:

- (i) Cyber Security: This should include more than one area aligned with the Cyber Security body of knowledge (CyBOK) v1.1.
- (ii) Digital Forensics: This involves digital forensics tools, processes and related standards represented in professional practice or advanced through scientific research.

The role will focus on delivering high quality education in a variety of formats as well as research and enterprise activities, whilst ensuring the modules adhere to the criteria for British Computing Society and the National Cyber Security Centre as we have been accredited an Academic Centre of Excellence in Cyber Security Education.

You are expected to:

- contribute to the research carried out in the Centre for Sustainable Cyber Security.
- contribute more widely to the design and delivery of teaching activities, reflecting the successfully candidate's own subject specialism appropriate for the needs of a diverse student body; across the range of courses offered by the School of Computing and Mathematical Sciences.

For more details, please refer to <https://www.gre.ac.uk/hr/academic-framework> and links within.

KEY ACCOUNTABILITIES:**Team Specific:**

- Contribute to the mission of the Centre for Sustainable Cyber Security (CS2) and work proactively on research topics in Cyber Security.
- Contribute to the delivery of high quality, innovative and effective teaching and new teaching initiatives, including inclusive approaches to setting and marking assessment.
- Lead on personal and academic tutoring of undergraduates.
- Supervise undergraduate and postgraduate students.
- Contribute to curriculum development within the School and to the delivery of external accreditation activity.
- Contribute to the integration of enterprise work/research and scholarship and activities into teaching or professional training materials.
- Participate in the delivery of new courses, including CPD and degree apprenticeships, integrating enterprise, innovation or external engagement activities.
- Contribute to the development of funding bids for the acquisition of internal and external resources to fund research, enterprise or teaching projects.
- Contribute to the continuous improvement of the student experience or Lead courses/modules effectively including adopting a responsive approach to students.
- Effective cross working with Professional Services to support students.
- Contribute to relationship management and engagement with key external bodies for teaching at a regional and national level; the national or regional public/cultural sectors/business, industry/professional bodies in relation to teaching, research or enterprise.
- Maintain effective, high quality and productive working relationships with professional bodies and employers.
- Work with other academics and the administrative teams to deliver excellent student care and support student success and employability.
- Contribute to the general academic administrative work of the School and Faculty.

Generic:

- Assist the Management Team in achieving the School's KPIs.
- Contribute to the Centre's and School's plans, activities and efficient working practices.
- Participate in visit to schools, local community groups, public engagements and related activity.
- Demonstrate a commitment to equality, diversity and inclusion through teaching practice and / or engagement with university initiatives.
- Contribute to peer review and departmentally based teaching development activities.
- Promote your work and represent your discipline and the work of the University internally and externally, and take a proactive approach to ethical, good practice.

Managing Self:

- Develop expertise in inquiry/research-informed teaching with an increasing degree of autonomy.
- Keep abreast of developments within the field and seek continuous improvement of own professional practice.
- Actively participate in established professional development framework activities.
- Behave in a manner which reflects the University values and creates a positive environment for work and study.
- Maintain a high standard of student engagement and satisfaction.
- Seek to maximise the learning outcomes of students.

Core Requirements:

- Adhere to and promote the University's policies on Equality, Diversity and Inclusion and Information Security;
- Ensure compliance with Health & Safety and Data Protection Legislation;
- Support and promote the university's Sustainability policies, including the Carbon Management Plan, and carry out duties in a resource efficient way, recognising the shared responsibility of minimising the university's negative environmental impacts wherever possible
- Adhere to current legal requirements and best practice relating to digital content and accessibility, including Web Content Accessibility Guidelines when creating digital content.

Additional Requirements:

Any other duties commensurate with the post and grade as agreed with the Head of School and the PVC of the Faculty.

KEY PERFORMANCE INDICATORS:

Performance Indicators will be established in consultation with the Head of School and the Head of CS2 as part of the post-holder's annual Appraisal and Professional Development Review

KEY RELATIONSHIPS (Internal & External):

- School Management Team
- Faculty administration
- School partner institutions

PERSON SPECIFICATION	
Essential	Desirable
Experience <ul style="list-style-type: none"> • Track record of high-quality publications. • Contributing to high quality, innovative and effective teaching on postgraduate and/or undergraduate programmes in Computer Science. • Contributing to subject, professional and/or pedagogical research and other scholarly activities in your area of expertise and related areas. • Student care and pastoral provision. Skills <ul style="list-style-type: none"> • Good Cyber Security skills commensurate with the state of the art in your area of expertise. • Designing and developing novel research ideas within Cyber Security. • Ability to engage with and respond to student feedback. • Outstanding organisational, IT, communication and interpersonal skills. 	Experience <ul style="list-style-type: none"> • Working in addressing one of these challenges: (i) Secure cyber-physical systems, (ii) Trustworthy AI, (iii) Improving the efficiency of digital forensics, and (iv) Certified Sustainable Security and Privacy. • Experience in initiating or contributing to the development of Research bids. • Contribution to course Curriculum development and delivery at undergraduate and/or postgraduate level in field of Computer Science with emphasis on the interests of CS2. • Leading courses/modules effectively, including adopting a responsive approach to students. • Postgraduate teaching /supervision. • Creating professional/community partnerships. • Leading on external accreditation activity. • Designing and leading significant teaching and assessment activity. Skills <ul style="list-style-type: none"> • Individual and /or collaborative research or enterprise income generation. • Ability to teach across disciplines. • Participation in research or enterprise bid development. • Experience of collaborative research projects, including Task/Work Package management. • Industry knowledge through consultancy work in cyber security or digital forensics,

<p>Qualifications</p> <ul style="list-style-type: none"> • PhD in Cyber Security or related field OR substantial industry experience with appropriate professional qualification. <p>Personal attributes</p> <ul style="list-style-type: none"> • We are looking for people who can help us deliver the values of the University of Greenwich: Inclusive, Collaborative and Impactful 	<p>including being an expert witness.</p> <p>Qualifications</p> <ul style="list-style-type: none"> • Industry-recognised cyber security, computer networks or digital forensics qualifications • Teaching qualification such as PGCert. <p>Personal attributes</p> <ul style="list-style-type: none"> • N/A
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