

JOB DESCRIPTION

Job Title: Senior Lecturer in Cyber Security

Grade: AC3

Department: FES/CMS

Responsible to: Head of School

Responsible for: N/A

Key Contacts: N/A

Non-Contractual Nature of Role Profile: 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 teaching and research in cyber security in areas covered in the Cyber Security body of knowledge (CyBOK) v1.1.

The role holder's teaching will focus on delivering high quality education in a variety of formats and to a diverse student body, ensuring that the modules and quality of delivery adhere to the criteria for British Computing Society and the National Cyber Security Centre. Note that the university has a NCSC fully certified BSc Cyber Security and Digital Forensics programme and a provisionally certified MSc Computer Forensics and Cyber Security programme, where the role holder will be expected to contribute, initially in digital forensics, penetration testing, or other areas across the range of courses offered by the School of Computing and Mathematical Sciences.

The role holder's research will need to be aligned with the priorities of the Centre for Sustainable Cyber Security (<https://www.gre.ac.uk/research/groups/sustainable-cyber-security-cs2>), which is recognized by the UK government as an Academic Centre of Excellence in Cyber Security Research. This recognition was achieved for university's commitment to support and invest in cyber security research capacity and capability; a critical mass of academic staff engaged in leading-edge cyber security research; a proven track record of producing high impact cyber security research; and sustained funding from a variety of sources to ensure the continuing financial viability of the research center's activities. So, the role holder will be expected to be actively

pursuing external funding from a variety of sources to support their research, supervise PhD students and produce high quality publications with a target of real-world impact.

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

KEY ACCOUNTABILITIES

Team Specific:

- Lead courses/modules effectively including adopting a responsive approach to students.
- Contribute to the mission of the Centre for Sustainable Cyber Security (CS2) and work proactively on research topics in Cyber Security.
- Lead the development of funding bids for the acquisition of external resources to fund research, enterprise or teaching projects
- Supervise PhD students
- 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 continuous improvement of the student experience
- Effective cross working with Professional Services to support student
- 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 School's and Research Centre's plans, activities and efficient working practices.
- Participate in outreach by visiting schools, local community groups, public engagements or other related activities.
- 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:

Undertake any other duties as requested by the line manager or appropriate senior manager, commensurate with the grade.

This is a professional, demanding role within a complex organisation with an ambitious strategic plan and agenda for change. The role holder will be expected to show flexibility in working arrangements, including working hours, to ensure that the school delivers the required level of service

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
- Research Centre leadership team
- Faculty administration
- School partner institutions

PERSON SPECIFICATION

EXPERIENCE:

Essential Criteria:

- Leadership of high quality, innovative and effective teaching on postgraduate or undergraduate programmes in Cyber Security, especially in digital forensics or penetration testing.
- Track record of high-quality publications in areas aligned with the Cyber Security body of knowledge (CyBOK) v1.1.
- Bidding for external research funding.
- Student care and pastoral provision.

Desirable Criteria:

- Track record of successful external funding acquisition.
- PhD student supervision.
- Leading on external accreditation activity.
- Experience of collaborative research projects, including Task/Work Package management.

SKILLS:

Essential Criteria:

- Excellent 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.

Desirable Criteria:

- Ability to teach across disciplines.

QUALIFICATIONS:

Essential Criteria:

- PhD in Cyber Security or related field

Desirable Criteria:

- Industry-recognised penetration testing or digital forensics qualifications.
- Teaching qualification such as PGCert.

PERSONAL ATTRIBUTES:

Essential Criteria:

We are looking for people who can help us deliver the [values](#) of the University of Greenwich: Inclusive, Collaborative and Impactful.