JOB DESCRIPTION

Job Title:	Lecturer in CyberSecurity	**Grade:**	AC2
Department:	Computing & Information Systems	**Date of Job Evaluation:**	March 2017
Role reports to:	Head of Department, Deputy Head of Department		
Direct Reports	None		
Indirect Reports: **Other Key contacts:**	None Students, academic and administrative colleagues, employers		
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:

This post is for those who plan to follow an academic career and have existing high quality research outputs, and some experience teaching at postgraduate and undergraduate levels in a relevant area of CyberSecurity. You will be expected to join a departmental team in delivery of existing courses and actively support the development of new courses in this area. It is expected that you already hold a PhD in a relevant subject, or are close to completion. This post is particularly targeted at those seeking to make the move to a first post as an academic, although candidates with greater experience will be considered.

You will be expected to contribute to the teaching of a range of courses delivered by the Department. The courses will reflect the Department's approach to teaching CyberSecurity in the context of computer science, and you will be required to bring your own subject specialism to the courses you teach to meet the needs of the students within the Department. We are particularly interested in candidates with practical experience in the use and configuration of software tools to support their specialist subject.

You will contribute to the development of teaching material and case studies for courses taught both on-campus and also at collaborative centres to provide a rich set of teaching and learning resources, linking these to your research to provide students with information on the latest thinking in your area. As part of your role you will develop and maintain teaching material using a VLE.

You will be expected to engage in research and enterprise activity to enhance your teaching and forge links with businesses and the local community. You will be part of a research group to support and develop your research activities, so we are particularly interested in candidates that enhance the existing research strengths of the department in Physical Cybersecurity, Digital Forensics, Disruptive Technologies, Cryptography, Audit, and Security-based Technology-Enhanced Learning. The department achieved a strong result in REF2014, and is planning to develop and improve the research profile of all staff for the next REF exercise.

It is expected that you will support the Department's ethos of fostering innovation and maintaining quality in its activities. The Department has a strong focus on employability and preparing students for work in commercial environments. Your role will include supporting students and colleagues in meeting the employability needs of the students.

As part of a teaching team within the Department, your role will include providing pastoral care to students, assisting in the general administration associated with running of the courses and programmes within the Department, and contributing to the Department outreach activities, such as providing support for school visits, taster sessions, and applicant promotion events.

The Department is keen to develop its student employability strategy further so we would be especially interested in hearing from candidates who can bring experience of working in industrial or research environment on applied projects.

KEY ACCOUNTABILITIES:

Team Specific:

- To be part of a team to contribute to the teaching of courses in CyberSecurity in the context of computer science
- Have skills in relevant software technologies to support your subject specialism
- Practical and theoretical knowledge of a range of applied techniques, and skills in the configuration and management of tools relevant to your subject specialism
- Understand the team roles and responsibilities for project work in industrial and research environments
- Have a good theoretical and practical experience of digital tools to support all aspects of the use of CyberSecurity in practice
- Be a subject specialist in at least one of the following areas:
    - Physical Cybersecurity
    - Digital Forensics
    - Disruptive technologies
    - Cryptography
    - Audit
    - Security-based technology-enhanced learning

Generic:

- Develop and deliver high quality teaching resources, including lectures, seminars, tutorials, workshops and on-line resources, at both undergraduate and postgraduate levels, and provide supervision for projects, MPhil, PhD, as required
- Follow a programme of teaching development and professional practice as determined by Head of Department, keeping abreast of current developments in the field of computer science and seek continuous improvement through own professional practice
- Participate in the research and enterprise activity of the Department, developing your own scholarly profile, including a programme of research disseminated primarily in refereed academic journals and conferences
- Understand and implement policies, guidelines and standard operating procedures in

relation to academic duties, including the maintenance of student records, course co-ordination, personal tutoring and assessment
- Maintain an overview of the welfare, progression, examination and assessment of allocated students.

Managing Self:

- Commitment to team work with an ability to work independently
- Ability to communicate well with colleagues at all levels of the University, students and outside organisations
- Excellent time management and organisational skills
- Ability to work effectively and deliver under pressure

Core Requirements:

The Department is looking for a candidate with good all-round skills to support the teaching and development of courses in computer science.

A successful candidate needs to have a good mix of theoretical and practical knowledge, which spans a wide range of software tools and techniques, as they are applied and used in computer science. They should ideally have experience of working practices in industrial or research environments, combined with experience and technical skills in a range of relevant digital tools to support he design and development process for their subject specialism.

In addition, the candidate will be expected to:

- Adhere to and promote the University's Equality and Diversity policies and Information Security
- Ensure compliance with Health & Safety regulations
- 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.

KEY PERFORMANCE INDICATORS:

- Effective teaching and learning methods including the use of on-line and blended learning approaches
- Commitment to successful student outcomes
- Effective communication and relationship with students
- Effective communication with colleagues and external organisations
- Effective analysis of student work and clear oral and written feedback
- Commitment to further professional development including a commitment to further academic study
- Commitment to actively engage with the Department's research and enterprise agenda

In addition to the above, additional performance indicators will be established in consultation with the Head of Department in line with specific roles undertaken
KEY RELATIONSHIPS (Internal & External): Students Academic colleagues Employers and Local business practitioners Head of Department Departmental administrative staff Research community in area of subject specialism Teaching community in areas of best practice

PERSON SPECIFICATION	
Essential	**Desirable**
Experience • Teaching or teaching support, preferably at both postgraduate and undergraduate levels • Have skills in software technologies to support CyberSecurity • Understand the team roles and responsibilities for industrial and research environments • Have a good theoretical and practical skills and experience of digital tools to support all aspects of the design and development process for their subject specialism in CyberSecurity. • Research/enterprise track record in relevant area	**Experience** • Managing research projects • Course design and development in a relevant area of CyberSecurity
Skills • High level communication and interpersonal skills • Ability to work flexibly under pressure • Good organisational skills • Good team working ability	**Skills** • Recent experience in working in industry, commercial or public sector
Qualifications • PhD in a relevant subject area, or close to completion	**Qualifications** • Appropriate teaching qualifications

Personal attributes • We are looking for people who can help us deliver the values of the University of Greenwich	**Personal attributes** • N/A