

Job Description & Person Specification

Academic and Research roles

JOB DESCRIPTION

Job title	Lecturer in Cyber Security
School/Department	School of Computing, Engineering & Physical Sciences
Division (if applicable)	Computing Division
Programme (if applicable)	
Location	London, other campuses as required including international
Reporting to	
UWS grade	AC3
FTE	1.0

Job summary

The purpose of this role is to support and develop the University's national and international reputation for excellence in teaching, research and knowledge exchange.

Dimensions:

The School of Computing, Engineering and Computing has around 150 academic staff and over 2,600 undergraduate and postgraduate students across London, Paisley, Lanarkshire and Dumfries campuses.

The Division currently comprises approximately 70 academic staff who deliver a suite of undergraduate and Postgraduate degree programmes across campuses plus international partnerships.

People & finance responsibilities

People	•
Finance	•

Key activities

The job holder will be required to address a number of the elements listed below.

- Design and deliver excellence in learning and teaching in Cyber Security (e.g. network security, information security, cyber security, digital forensics, artificial intelligence, web application hacking, etc.).
- Use appropriate teaching, learning support and assessment methods in Cyber Security.
- Contribution to the development, validation and review of programmes of study.
- Design and use appropriate assessment instruments and criteria, assess the work and progress of students by reference to the criteria and provide constructive feedback to students.
- Module administration and co-ordination.

- Participate in quality assurance and enhancement initiatives in collaboration with academic colleagues.
- Expected to teach in China or at partner institutions for a period of up to 6 months in a year, if required.
- Maintain appropriate scholarship activity to ensure research-informed teaching is delivered at all times.
- Seek ways of improving performance by reflecting on teaching design and delivery and obtaining and analysing feedback.
- Undertake high quality original research and disseminate results through regular publications in high impact journals.
- Apply as principal- or co-investigator to appropriate research funding bodies and manage grants awarded.
- Supervise research students and staff as required, providing direction, support and guidance.
- Develop and contribute to enterprise activities including continuous professional development opportunities or consultancy.
- Engage in knowledge transfer activities.

Job scope

Planning and organising	<ul style="list-style-type: none"> • Plan own teaching as agreed with academic line manager, as appropriate. • Manage own research, teaching, scholarly and administrative activities with guidance, if required. • Supervise students' projects and, as appropriate, fieldwork and placements. • Use research and teaching resources and facilities, as appropriate. • Balance the requirements of teaching, research and administrative demands and competing deadlines, seeking guidance in unusual circumstances. • Contribute to the School's co-ordination of programmes/courses through, for example, Module Co-ordinator/responsibilities and/or to the management and administration of programmes. • Contribute to student recruitment and marketing initiatives. • Manage projects relating to own areas of work and the organisation of external activities as appropriate
Decision making	<ul style="list-style-type: none"> • Identify the need for developing the content or structure of modules with colleagues and make proposals on how this should be achieved. • Develop ideas for generating income and promoting the subject. • Develop ideas and find ways of disseminating and applying the result of research and scholarship. • Collaborate on the implementation of teaching and assessment strategies and operate within the limits of the strategies defined in the School Plan including the requirements of confidentiality. • Collaborate with colleagues on the implementation of assessment procedures. • Advise others on strategic issues such as student recruitment and marketing. • Contribute to the accreditation of courses and quality assurance processes. • A degree of autonomy in dealing with problems/issues according to limits set with appropriate colleagues as determined by the School is required

Working relationships – Liaison and Networking	<ul style="list-style-type: none"> • Participate in and develop internal and external networks with colleagues and students, e.g. to contribute to the identification of sources of funding, contribute to student recruitment, secure student placements, contribute to the marketing of the institution, facilitate outreach work, generate income, obtain consultancy projects or build relationships for future activities
Working relationships – Communication	<ul style="list-style-type: none"> • Routinely communicate complex and conceptual ideas. • Communication with appropriate colleagues and external contacts according to the nature of the role
Working relationships – Teamwork	<ul style="list-style-type: none"> • Act as a responsible team member and develop productive working relationships with other members of staff. • May be required to take a lead in academic or related activities
Working relationships – Pastoral Care	<ul style="list-style-type: none"> • Responsible for the pastoral care of students within a specified area. • Act as Personal Tutor.

PERSON SPECIFICATION

Qualifications

			Evidence A = Application I = Interview
Essential	QE1 QE2	<ul style="list-style-type: none"> An undergraduate qualification in a cyber security, computer networks, computing, computer science, business technology or related subject area A PhD in a relevant area (or be close to completion) 	
Desirable	QD1 QD2	<ul style="list-style-type: none"> A postgraduate qualification in the area of education/learning and teaching Subject Area. Advance Higher Education Fellowship or equivalent 	

Experience

			Evidence A = Application I = Interview
Essential	EE1 EE2	<ul style="list-style-type: none"> Evidence of experience of learning, teaching and assessment in Higher Education. Evidence of knowledge and understanding of contemporary pedagogies. 	
Desirable	ED1 ED2	<ul style="list-style-type: none"> Evidence of published research profile commensurate with career stage (including 3/4* research outputs). Evidence of experience in module/programme administration. Evidence of experience in designing and delivering co-creative and active learning and assessment. Evidence of familiarity with online learning environments and the principles of digital education. 	

Skills/Knowledge/Understanding

			Evidence A = Application I = Interview
Essential	SE1 SE2	<ul style="list-style-type: none"> Evidence of sufficient depth or breadth of specialist knowledge and understanding of Subject Area to work within established teaching and research programmes. Evidence of extended knowledge and understanding of contemporary pedagogies and educational practice. Evidence of knowledge and understanding of interdisciplinarity and interdisciplinary methodologies and methods. Evidence of ability to work creatively with colleagues and students. 	
Desirable	SD1 SD2	<ul style="list-style-type: none"> Ability to guide PhD students in research projects 	

		<ul style="list-style-type: none"> • Active participation in the activities of one of the Professional Institutions including Advance HE • Evidence of ability to secure research/enterprise funding. 	
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Behaviours

			Evidence A = Application I = Interview
Essential	BE1 BE2	<ul style="list-style-type: none"> • Evidence of vision, drive and determination to succeed. • Evidence of facilitating the development of working networks both internally and externally. • Evidence of ability to work on own initiative and as part of a team. • Willingness to teach in China or other, for periods up to several months, several times per year. • Evidence of a willingness to embrace responsibility. • Evidence of a commitment to work in a multi discipline environment. 	
Desirable	BD1 BD2	<ul style="list-style-type: none"> • Ability to influence industry practice and instigate change • Ability to travel and teach abroad as required 	

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