Lecturer in Computing- School of Engineering and Computing – Grade H

Job Description

Purpose

To contribute to the academic development, course management, teaching, research development, and scholarship within the School in the area of Cybersecurity.

Areas of particular interest include:

- Programming in a modern OO context (Java, C#, C++)
- Agile methodologies
- Software Engineering tools and techniques
- Web application and/or mobile development
- Databases
- Algorithms
- 2D & 3D Graphics programming

Duties

1. To make a contribution to achieving the academic objectives in the School through teaching, research, and income generating activities.
2. To act as a module leader for a number of identified modules.
3. To undertake administrative duties relevant to module leadership (administer course registers, assessment records, learning programmes and other records).
4. To engage with the recruitment of students onto courses and to provide appropriate advice on progression and career opportunities.
5. To adhere to quality assurance and enhancement systems to ensure high standards are maintained and the student experience is enhanced.
6. To contribute to the development of the School's commercial activities, including consultancy, training and funded projects.
7. To participate in research as an individual or part of a team.
8. To develop and consolidate contacts with industry/employers and other external organisations.
9. With regards to the nature of your role and its impact upon our students, make an active contribution to and support the improvement of the student experience.
10. To undertake any duties relevant to the School's activities and commensurate with the level of the post, as directed by the Head of School/designated Division Leader.

Person Specification

Knowledge, Skills, and Behaviours (Essential)

- Experience of teaching Computing, Computer Science and/or Software Engineering in a higher education environment Application/Interview).
- Good honours degree (or equivalent) in a relevant subject (Application).

- A relevant Masters qualification (Application).
- PhD in a relevant area (Application).
- Ability to teach and supervise dissertations up to Masters level (Application/Interview).
- Flexible and innovative approach to teaching and learning (Application/Interview).
- Ability to undertake research/knowledge transfer (Application/Interview).
- Ability to work on own initiative as well as part of a team (Application/Interview).
- IT literate with knowledge of Microsoft PowerPoint and WebCT (or equivalent) (Application/Interview).
- Excellent presentation and communication skills (Application/Interview).
- An understanding of and demonstrable commitment to the University's Values of Achieving Together, Being Proud, Creating Opportunity and Supporting All, as a framework for decisions, actions and behaviours (Application/Interview).

Knowledge, Skills, and Behaviours (Desirable)

- Publications, conference presentation (Application/Interview).
- Formal teaching qualification or Registered Practitioner of Higher Education Academy (Application).
- An ability to contribute to commercial activities and income generation (Application/Interview).
- An ability to contribute to the enhancement of research within the School (Application/Interview).
- Knowledge of UK current xxx education and practice (Application/Interview).
- High level of IT skills in context of e-learning, including WebCT or equivalent (Application/Interview).
- Active member of relevant professional body as appropriate (Application/Interview).