Candidate Information

Position:	Lecturer (Education)
School/Department:	School of Electronics, Electrical Engineering and Computer Science
Reference:	18/107022
Closing Date:	Thursday 10 January 2019
Salary:	£36,261 - £50,132 per annum (potential to progress to £53,175 per annum through sustained exceptional contribution)
Anticipated Interview Date:	Friday 1 and Tuesday 5 February 2019

Job Purpose

To teach at undergraduate and postgraduate level, and to contribute to the School's administration/outreach activity.

MAIN ACTIVITIES/RESPONSIBILITIES:

1. Teaching

- Deliver a range of teaching and assessment activities in the subject within an established programme including lectures, setting/marking coursework, practicals, and field work to undergraduates and postgraduates.
- Select appropriate assessment instruments and criteria, assess the work and progress of students by reference to the criteria and provide constructive feedback to students.
- Seek ways of improving performance by reflecting on teaching design and delivery and obtaining and analysing feedback.
- Supervise practical work where it is part of the course, and advise students on techniques.
- Plan and develop independent teaching contributions and contribute to the design or revision of course units.
- Help to develop appropriate teaching approaches and contribute to curriculum development.

2. Scholarly Activity

- Engage in scholarly activity e.g. participate in conferences, external funding applied for, book reviews and teaching/professional materials published.
- Develop networking links with relevant professional bodies to ensure that own teaching reflects current best practice in own area of subject specialism.
- Maintain and develop teaching and subject expertise.

3. Administration/Contribution to Community

- Contribute to the School's outreach strategy by developing external links.
- Provide pastoral care for students within own area to ensure, as far as practicable, that relevant issues are dealt with in a timely, sympathetic and effective manner.
- Carry out designated routine School administrative duties, including, for example, committee work, course administration, etc.
- Be responsible for the record–keeping associated with teaching and the preparation of teaching materials.

PLANNING AND ORGANISING:

- Plan and manage own teaching and tutorials as agreed with Head of School/mentor.
- Modules are designed/updated in line with School's teaching strategy.

RESOURCE MANAGEMENT RESPONSIBILITIES

- Use teaching resources, laboratories and workshops as required.
- Act as mentor for students.

INTERNAL AND EXTERNAL RELATIONSHIPS:

- Membership of the School Board and Examination Board and such committees relevant to their administrative duties.

- Collaborate with other staff within School.
- Involved in developing links or joining external networks to share information and ideas.
- Contribute to the School's outreach programme by establishing links with local community groups, industries, etc.

ESSENTIAL CRITERIA

- Will normally have or be about to obtain a relevant PhD in a computing related discipline.
- Working towards PGCHET and/or membership of an appropriate professional and/or teaching body e.g. HEA.
- Some teaching experience including the design of course materials and planning and organising the delivery and assessment of taught courses in one of more of the following areas:
  - Contemporary software engineering (e.g. agile/lean, containerisation/virtualisation)
  - Cyber security
  - Data analytics and machine learning
  - Cloud computing
- Effective interpersonal skills demonstrated with previous liaison with students and colleagues with the ability to communicate complex information clearly.
- High level of analytical capability.
- Ability to encourage commitment to learn in others.
- Ability to assess and organise resources.
- Ability to contribute to broader management and administrative processes.