Job Description & Person Specification

Section 1
Role Overview

Job title:	Lecturer or Senior Lecturer in Military Information Systems
Vacancy reference:	5422
Faculty:	Faculty of Engineering and Applied Sciences
Job type:	Part time Permanent
Hours of work:	14.8 - 22.2 hours per week, normally worked Monday to Friday. Flexible working will be considered.
Salary details:	For Lecturer Salary level 6 – range £49,735 to £59,837 per annum with potential progression to £72,471 per annum For Senior Lecturer Salary level 7 – range £62,220 to £71,959 per annum with potential progression to £88,001 per annum
Line Manager:	BTC Course Director
Start date:	As soon as possible

Section 2
About Cranfield University

Cranfield's world-class expertise, large-scale facilities and unrivalled industry partnerships is creating leaders in technology and management globally. Find out more about our unique impact, and our vision, mission and values here.

We aim to create and maintain a culture in which everyone can work and study together and realise their full potential. We are a Disability Confident Employer. We are committed to actively exploring flexible working options for each role and have been ranked in the Top 30 family friendly employers in the UK by the charity Working Families. Find out more about our key commitments to Equality, Diversity and Inclusion and Flexible Working here.

Section 3
About Cranfield Defence and Security

Based at the UK Defence Academy at Shrivenham in Oxfordshire, CDS has an unrivalled reputation for defence education, research and consultancy, our expertise is trusted by governments, armed forces, and industry and security services around the world.

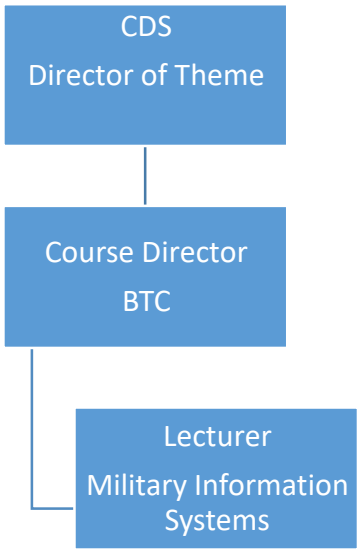
Visit the Cranfield website to learn more about the Faculties current research activities, taught programmes and impact: Learn more about CDS.

About MSc Battlespace Technology (BTC)

The BTC is delivered by Cranfield University and facilitated by directing staff within the Defence Capability Management School on behalf of the Defence College for Military Capability Integration. BTC is designed to provide newly promoted army majors with a broad understanding of military technology and current military acquisition knowledge, in order to equip them with relevant skills prior to a demanding capability and acquisition related staff appointment. Successful students are awarded a postgraduate diploma and are subsequently be given the opportunity to complete a dissertation or research project in the years following the course, for which an MSc can be awarded.

Keeping BTC up-to-date and current requires constant innovation and change. The modules currently offered in connection with this MSc reflect the needs of the business, however they change and are renewed due to research developments, legislation changes or for a variety of other reasons. Changes are also designed to improve the student learning experience or to respond to feedback from students, external examiners, accreditation bodies and industrial advisory panels.

Organisational Chart



Section 4
Job Details

Job Purpose

This is an Education and Scholarship-focused role. You will undertake teaching and scholarship duties within the wider Cranfield Defence and Security as a whole. The tasks will involve teaching and leadership within the BTC, one of the most prestigious technical courses on the Defence Academy site and occasional support to colleagues elsewhere.

Key Deliverables

	Description of Deliverables	% of time
1	Theme lead for Information Manoeuvre for the MSc Battlespace Technology Course (BTC): Lead the design, development, and delivery of the Information Manoeuvre part of the course, with the responsibility for keeping up to date and teaching a vital and rapidly changing part of the battlespace. This involves liaising with key stakeholders and managing specific modules. The post holder will engage, and engender the respect of, highly skilled and ambitious military students.	**30%**
2	Deliver engaging, research-informed teaching to master's-level students across military information manoeuvre. Prepare high-quality teaching materials, including lecture content, seminar activities, case studies, and digital learning resources.	**40%**

	Facilitate active learning through workshops, discussions, practical exercises, and technology-enhanced learning tools. Provide academic support, guidance, and feedback to students, ensuring an inclusive and supportive learning environment.	
3	Design, mark, and moderate assessments, including coursework, examinations, and project manuscripts. Provide timely, constructive, and developmental feedback aligned with institutional policies and postgraduate expectations. Participate in assessment boards and quality-assurance processes as required.	**10%**
4	Supervision (including pastoral care) of taught MSc, MSc(Res), and PhD students.	**10%**
5	Contribute to other academic activities, such as curriculum development and identifying opportunities that improve the financial and academic standing of Cranfield University.	**10%**
6	**Additional Key Deliverables for the Senior Lecturer Post** At the Senior Lecturer level, you will be expected to provide leadership in the critical areas of course management, business development, preparing proposals and consultancy.	

Please be advised that the percentages allocated for the key deliverables may be adapted to take into account the needs of the Faculty and / or University.

Planning and organising

Modules, short courses and AP contract courses are usually planned one year ahead. You will routinely research and update course materials and develop new material as required. You must have or develop excellent project planning skills to ensure that research or course development is delivered on to strict deadlines.

Communicating and influencing

In terms of teaching, communicating complex ideas to students with a range of backgrounds, especially military, is essential. It is also necessary to be able to actively listen to support students. You will need to keep abreast of the way techniques are being applied and equipment used.

You will be credible and confident in your communication with external bodies such as the armed forces, government departments, agencies and foreign governments to enhance the reputation of Cranfield University and assist in winning potential new business. Networking skills and the confidence to pursue ideas with partners are important.

Problem solving

You will be responsible for managing and delivering a variety of teaching products and responding quickly to a variety of issues to ensure that staff and facilities are available to meet teaching commitments. You will identify and apply the best teaching practices in your domain, drawing inspiration widely from colleagues in your own and other fields. You will work with your colleagues to ensure a balance between teaching workloads and other activities. As a supervisor, you will act as a mentor and offer advice and guidance, intervening as necessary when needed or problems arise.

Decision making

I) Decisions you will take without reference to others

- The content and delivery of modules, lectures, tutorials, as well as assessment, liaising with the relevant Heads of Group and Centre and the BTC Course Director.
- Supervision of MSc and PhD students in in accordance with the University regulations, such as Senate Handbooks, liaising with the supervising team and the Director of Research
- Making changes in course programmes in accordance with university regulations, liaising with BTC Course Director.

II) Decisions you will refer to your manager/colleagues

- Costs and quotations
- Travel outside of the place of business for work activities
- Discussion of Intellectual Property Rights / Copyright issues
- Approval of risk assessments
- Establishing external links to Defence and Security organisations in the UK.
- Changes in workload, lectures, meetings, and reviews
- Contractual requirements

Guiding framework

The University's governance, policies, practices, and procedures will govern the role as far as they exist. You will be expected to operate within the academic quality assurance processes of the University, including those covering research ethics. Formal guidance will come from the Head of Centre and the Head of Group, as appropriate, who will set objectives and strategies to achieve those objectives as discussed. A personal development review process provides the opportunity to raise issues relating to the work environment and career objectives, including opportunities for promotion. You must also operate within University procedures and rules, including those relating to Health and Safety, Dignity at Work, Security, and Information Technology.

Impact

Each member of academic and research staff is expected to play a proactive role in the generation of income, generating an impactful academic profile, and enhancing the academic reputation of the University. We expect our staff to be recognised as credible and trustworthy domain experts. As an academic staff member, you will have responsibility for managing modules and course(s) and will need to teach (and thus provide opportunities for learning and development) in person and to a high standard.

Facts and Figures

Cranfield University excels in strategic and applied research. In the latest 2021 Research Excellence Framework (REF), 88% of our research was considered ‘world leading’ or ‘internationally excellent’ in its quality. We are in the top 35 in the world for Engineering – Mechanical, Aeronautical and Manufacturing (QS world rankings 2025).

Cranfield is a ‘Top 5’ research institute, based on commercial income. Our world-class academics, with proven research records, are in constant touch with industry through research, consultancy and product development. 3,800 students from over 100 countries study either full- or part-time, or in parallel with their career.

Section 5
Am I suited to this role?

Criteria	Essential	Desirable
Education / Qualifications	PhD in relevant discipline or: First Degree and/or Masters in Information Systems or a relevant discipline and Significant industry or military experience in the use of information systems in the field	A PGCert in Academic Practice qualification, or an equivalent (FHEA for senior lecturer) or willingness to undertake on appointment A PhD in a topic relevant to defence and security Membership of a relevant professional body
Experience	Significant industry or military experience in the use of information systems in the field Experience of contribution to course development, module design and teaching in a university or professional context Practical experience of UK higher education standards and assessment practices Ability to design and deliver high-quality learning materials Ability to deal with both academic and pastoral issues as required	Delivery of post-grad level teaching in a UK or European Higher Education Institution related to Information Systems Experience supervising postgraduate projects or dissertations
Knowledge	Understanding of fundamental issues and emerging research areas related to Information Systems Knowledge of the information systems and practices of the UK armed forces, especially Land	Knowledge of pedagogic approaches to teaching experienced adult learners
Skills / Aptitudes	Strong oral, visual and written communication, and presentation skills Proven ability to work independently Ability to utilise students' feedback to improve one's own practise	Highly adaptive to the needs of the situation Negotiating, influencing, and networking

	Constructive and proactive team player who relates well to others	Good IT skills and experience in using Virtual Learning Environments for teaching
Values	Ability to demonstrate our values: Ambition, Impact, Respect and Community.	
Other	Willingness to travel within the UK and overseas as required	

As part of Cranfield's continuing commitment to developing excellence in learning and teaching, members of staff with teaching responsibilities are expected to obtain formal recognition of their professional expertise in teaching. It is normal expectation, during probationary period, that individuals will enrol for and successfully complete module 1 (Teaching, Learning and Student Support) of the PGCert in Academic Practice, which leads to Associate Fellow of the Higher Education Academy (HEA) unless an equivalent qualification is held already.

The module focuses on student learning, teaching methods and support of students, consists of 5 one day workshops, and assessment of two written submissions of approximately 3000 and 5000 words. Additional modules may be taken to gain Fellowship of the HEA, and the PGCert in Academic Practice if appropriate to the individuals continued development.