

SECTION A: THE ROLE	
Job Title:	Specialist Digital Simulation Technician
Institute/Service:	Academic Technical Services
Job Grade:	Grade 06
Job Family:	Learning
Job Location:	Lancaster
Responsible To:	Lead Technician
Role Purpose:	
As a Specialist Digital Simulation Technician, you will support the development and delivery of simulation, simulated practice, interprofessional education, and other digitally enhanced learning within undergraduate, apprenticeship, and postgraduate programmes across the Faculty of Health. This will include working with academic colleagues to: • Provide specialist advice and expertise on digital learning technologies and solutions as part of curriculum planning; • Develop digital resources and projects to be used as part of teaching and learning at UoC, or as part of collaboration with strategic partners; • Facilitate teaching sessions using immersive or VR technologies; • Contribute to digital upskilling of colleagues within the Faculty and across the University.	

SECTION B: PRINCIPAL DUTIES/KEY OBJECTIVES	
1.	Work in close collaboration with academic and technical colleagues on digital simulation-based and interprofessional education. This would include providing technical support for immersive simulation rooms and associated software, online and digital learning platforms, and AR and VR technology.
2.	Assume operational responsibility for the daily running of the immersive room at Lancaster, updating software and troubleshooting issues with equipment, as required. This would also include managing room bookings; collaborating with academic colleagues to develop content for teaching and learning sessions; and facilitating and assisting with their delivery.
3.	In collaboration with other specialist technicians, support the development of scenarios and uses for high-fidelity manikins, while incorporating digital technologies such as AR/VR and maintaining appropriate hardware and software.
4.	Contribute to the promotion and development of Digital Simulation within the Faculty of Health and wider, both internally and externally.
5.	Deliver student and colleague training for immersive simulation rooms. In collaboration with other specialist technicians, support digitally driven training in high-fidelity manikins and associated software, digital learning platforms, and AR and VR technology, to include producing instructional mixed media resources.
6.	Contribute to Faculty development projects, including in AR/VR/XR and immersive technologies, and research, purchase, develop, and implement other emerging technologies.
7.	Ensure continuous quality improvement of digital simulation-based education by collating and reporting on feedback from students and colleagues.

Additional Information:

You may on occasions and in line with operational needs:

- Be required to work different hours including at weekends/evenings;
- Be required to travel to other campuses and sites as necessary.

In addition to the duties listed here, you will be required to perform other duties which are assigned from time to time. However, such other duties will be reasonable in relation to the grade.

It is the University's intention that this role description is seen as a guide to the major areas and duties for which the post holder is accountable. However, the business will change and the post holder's obligations will vary and develop. The description should be seen as a guide and not as a permanent, definitive and exhaustive statement.

Our Values:

At the University of Cumbria, our values shape the way we work, our culture and environment.

We are PERSONAL

Individuals are at the heart of what we do, and our culture of belonging recognises and supports every person. As an institution, we have mutual respect for those we work with and for and we care about understanding each other's challenges and helping one another to thrive.

We are PROGRESSIVE

As a university we have a determination to deliver our mission, which keeps us open to opportunities in front of us. We encourage thoughtful and inspirational ideas, and we tackle problems proactively, with optimism, creativity and courage.

We are ENGAGED

As stewards of knowledge and place, it is our privilege to champion the region and advocate for the value of education. The University of Cumbria is welcoming to different perspectives, expertise and experiences and we are committed to building and nurturing strong links with our communities.

Providing an Inclusive Environment:

The University of Cumbria is committed to providing an inclusive environment, where staff, students and visitors are encouraged to be their true self, in order to enhance the individual and collective experience. As a university community, we share the social responsibility of enabling this inclusive environment by valuing, respecting and celebrating differences, to ensure that we generate a sense of understanding and belonging.

The university recognises that our differences are our strength, seeking and valuing different perspectives and ideas, in an environment that is without prejudice and bias.

We are committed to embracing our responsibility as a facilitator of change and continue to develop our equality agenda in line with and, where appropriate, beyond the Equality Act 2010. We do not tolerate discrimination, bullying or harassment in any form on the grounds of age, disability, gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion or belief, sex, or sexual orientation.

Health & Safety Statement

All employees at the University of Cumbria are required to ensure that all duties and responsibilities are discharged in accordance with the University's Health and Safety at Work policy. They should take reasonable care for their own health and safety and that of others who may be affected by what they do or do not do. Employees should correctly use work items provided by the University, including personal protective equipment in accordance with training or instructions.

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Abilities Issue and advise on appropriate options for technology, software, equipment and accessories when supporting academic colleagues to develop clinical scenarios, roleplays or digitally enhanced learning sessions. To deliver advice and training covering key technical skills and safe digital simulation equipment operation to students and staff, both in small and large groups. Ability to plan and oversee all aspects of the immersive room and associated equipment including: • Room bookings; • Daily operational issues and first point of contact for student/staff queries; • Development of scenarios for use with digital simulation equipment; • Management of consumables, remaining within agreed budgets; • Servicing and maintenance; • Health & Safety – writing and reviewing risk assessments, including hazardous substance COSHH, and ensuring compliance with other relevant statutory provisions; • First line troubleshooting of equipment and software; • Maintaining inventories. Able to keep up to date with digitally enhanced learning platforms, hardware and software through making use of networking and market research. Ability to develop, test and produce reports on proof-of-concept technologies with academic teams. Ability to adapt/transfer skills to develop and use new subject technology. Ability to research, create and edit mixed media technical process and instruction manuals. Ability to organise own work and to propose and implement improvements to systems and working methods. Professional approach to work and work colleagues and an ability to work independently and show initiative. Commitment to high levels of customer service and student satisfaction. Supervise other technicians supporting digital simulation projects or teaching.	Essential Essential Essential Essential Essential Essential Essential Desirable Desirable	Application Form/Supporting Statement/Interview Application Form/Supporting Statement/Interview Application Form/Interview Application Form/Supporting Statement/Interview Application Form/Interview Application Form/Interview Application Form/Supporting Statement/Interview Application Form/Interview Application Form/Interview
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