



# Job Description and Person Specification

## Summary

<b>Job title:</b>	Lecturer or Senior Lecturer in Cyber Security
<b>Faculty:</b>	Faculty of Arts and Sciences
<b>Reference:</b>	EHT1193-0525
<b>Grade and Salary:</b>	Grade 8. £39355 - £44128 per annum. Points for grade: 31-35. Grade 9. £45413 - £51039 per annum. Points for grade: 36-40. Grade 10. £52566 - £59139 per annum. Points for grade: 41-45.
<b>Contract Type:</b>	Permanent
<b>Hours:</b>	Full Time (37 hours per week)
<b>Location:</b>	Ormskirk

## **About the Department**

The Department of Computer Science, which is part of the Faculty of Arts & Science, is growing rapidly. It offers an expanding range of undergraduate and postgraduate programmes which are increasingly popular. The department has a strong reputation for high quality learning and teaching and ranked in the top 30 (The Guardian 2024) and ranked in the top 50 (The Complete University Guide 2024) in the UK.

The department has an active research community involving academic staff, postdoctoral researchers, PhD students and national and international research projects. The department also has close links with industry facilitated and supported by our knowledge exchange and enterprise team.

The department is housed in the £13m state-of-the-art Tech Hub building, which includes specialist Computer Science laboratories for teaching and research. Specifically, the department has a Harvard-style lecture theatre and ten specialist teaching laboratories (including Networking Security Labs), specialised security software, in addition to an open access laboratory and a 4k CAVE (Computer Augmented Virtual Environment). Our games labs are equipped with 85 PCs (with GPUs), and resources include Microsoft HoloLens, HTC VIVE Headsets, Meta Quest2 Headset. We use Unity, Blender and Visionary Render software. Other specialist equipment includes robots and a number of robotic arms and epucks 2.

The department is fully committed to the promotion of equality, diversity and inclusion, and has the Athena Swan Bronze award. Applications from women and under-represented minority groups are particularly welcomed.

## About the Role

The Department of Computer Science is expanding and consolidating its offering and expertise in key areas, and particularly “Cyber Security”. This vacancy aims to enable and support this expansion and consolidation and to provide high quality skills and students’ experience, and to produce highly qualified graduates.

As Lecturer or Senior Lecturer, you will be required to make notable contribution to the design, development and delivery of our Computer Science undergraduate, postgraduate, and CPD courses. You are expected to provide a high-quality skills and students’ experience. You will be responsible for leading/contributing to the regular review and update of the Cyber Security (and related) programmes, among other Computer Science topics. You will also be required to contribute to the delivery of our Computer Science undergraduate, postgraduate, and CPD courses, with particular emphasis on (but not limited to) our Cyber Security related modules.

You will be expected to contribute to the research profile of the department and activities of one of our Research Units and meet the qualitative and quantitative requirements for submission to the next Research Excellence Framework (REF).

You will be working for a multi award-winning institution that has been named Modern University of the Year in the Times and Sunday Times Good University Guide 2022 and shortlisted for the overall UK University of the Year award. Working in a Computer Science Department with state-of-the-art facilities and the opportunity to interact with likeminded computing staff and students. There are ample opportunities for development, progression, and flourishing.

For informal enquiries about this vacancy, you may wish to contact: Professor Amr Ahmed, Head of Department, at [Amr.Ahmed@edgehill.ac.uk](mailto:Amr.Ahmed@edgehill.ac.uk).

## About You

You will be an enthusiastic and friendly professional with excellent communication and interpersonal skills coupled with a commitment to providing an excellent student experience. You are expected to have experience in conceptual and practical technical aspects of Cyber Security and related areas. Industrial experience, particularly in Cyber Security and/or related areas, would be an advantage. An established or promising research profile in Cybersecurity-related topics would be highly desirable.

To be successful you will further enrich our students’ experience through your expertise and subject knowledge as evidenced through your qualifications and extensive experience of professional practice. In return, you will join a forward thinking and dynamic team that pushes the boundaries of curriculum development within Computer Science.

## **Reward & Benefits**

We want you to feel happy when you come to work and proud when you go home.

From the moment you join us you have the opportunity to enhance your skills. We offer various routes for progression, a range of specialist development sessions and academic development opportunities along with an award winning and comprehensive staff health & wellbeing programme (HR Excellence Awards 2017). This means you will receive a full academic induction, be enrolled if appropriate on our PGCTHE, benefit from the Edge Hill University CPD scheme (UKPSF) and our annual University Learning and Teaching Day all to support your professional development.

This is just a taste of what we are able to offer you at Edge Hill University.

## **About Us**

Edge Hill University is an ambitious institution, based on an attractive, award-winning 160-acre campus in Lancashire, close to Liverpool and Manchester. The University aspires to combine excellent research of reach and significance with a world-class student experience.

Edge Hill University was named Modern University of the Year in the Times and Sunday Times Good University Guide 2022 and shortlisted for the overall UK University of the Year award. With this award the University was called 'one of the shining stars of the modern university sector.' The award has come closely after Edge Hill was awarded University of the Year in the Educate North Awards 2020/21.

Edge Hill University appears in the Times Higher Global Rankings (801-1000) and has previously held the coveted Times Higher Education UK University of the Year title.

Other recent successes include a Global Teaching Excellence Spotlight Award (2018) from Advance HE in association with Times Higher Education, being ranked in the top 10 for teaching by the Times/Sunday Times Good University Guide 2017, top in the North West for student experience (Time Higher Education 2017), and top in the UK for student accommodation in the 2017 WhatUni Awards.

Edge Hill University has achieved both Athena Swan Bronze and the European Commission's 'HR Excellence in Research Award' (first awarded 2018 and reawarded 2021), which acknowledges alignment with the principles of the European Charter for Researchers and Code of Conduct for researcher recruitment. The process incorporates both the QAA Code of Practice for Research Degree Programmes and the Concordat to Support the Career Development of Researchers.

## **Job Description for Lecturer (Grade 8)**

### **Duties and Responsibilities**

As a Lecturer you will be expected to carry out the following as and when required:

#### **Teaching, Learning & Scholarship**

1. Contribute to the curriculum development of the Subject/Department academic programmes and wider Faculty where appropriate, producing high quality, innovative teaching and learning material, informed by research and professional practice (where appropriate) to support and develop student learning, engagement and application in practice (where appropriate) at undergraduate and post graduate level;
2. Enhance the quality of education and provision by ensuring that you maintain high standards of learning and teaching;
3. Use teaching and learning strategies, which encourage student involvement and advance their independent learning, adapting delivery to suit learners' needs;
4. Engage in subject professional and pedagogy research and/or scholarship as required to support teaching activities;
5. Contribute effectively to the design, planning and administration of the curriculum including preparation of your own teaching and learning materials and course documentation;
6. Contribute effectively to curriculum delivery, at the modular level, taking lead responsibility, where appropriate, within undergraduate and/or postgraduate levels;

#### **Student Support**

1. Effectively oversee the welfare, progress, examination, assessment and marking of the students as designated by the Head of Department (or their deputy);
2. Provide effective support to individual students and groups of students in accordance with Edge Hill University's procedures, referring students to further support services as appropriate;
3. Promote the work of the University and participate in the recruitment, selection and induction of students;
4. Undertake, as and when required, and in accordance with Edge Hill procedures, personal tutor responsibilities (academic and pastoral);
5. Support learning in practice, including placement/mentor preparation and practice audits (where appropriate).

## **Research**

For those who have significant Responsibility for Research:

1. Publish, or show evidence of working towards publication of research consistent with the department's priorities in appropriate peer-reviewed journals;
2. Begin to develop and maintain links with cognate disciplines within the Faculty, University, Industry and the Community as part of a coherent research-dissemination strategy;
3. Collaborate with colleagues to identify and make credible bids for external funding through research grants and contracts and in developing collaborative research income- generating ideas.

## **Leadership, Service & Externality**

1. Be an active member of relevant Departmental/Faculty/Institutional committees and contribute to partnership working with external colleagues and service users (where appropriate);
2. Contribute to faculty business, project management and/or enterprise;
3. Assist in student recruitment activities including Open Days, interviews or auditions;
4. Engage in appropriate training programmes provided by the University such as preparation for VASP membership;
5. Establish networks (professional and academic) to maintain currency and personal development;
6. Carry out any other duties as reasonably requested by Head of Department. Generally, these will be relatively limited in order to allow the role holder to take advantage of planned developmental and research opportunities.

## Person Specification for Lecturer (Grade 8)

Please note that applications will be assessed against the Person Specification using the following criteria, therefore, applicants should provide evidence of their ability to meet all criteria. Where a supporting statement is indicated you will be asked to provide a statement of how you meet this criterion within the application form.

### Qualifications

Criteria	Essential or Desirable Criteria	Method of Assessment
A good relevant honours degree or equivalent qualification and experience of Higher Education learning.	Essential	Application
PhD or equivalent (normally by publication but where appropriate through professional achievement of a comparable nature).	Essential	Application
Higher Education (HE) teaching qualification, or commitment to achieve one within two years of appointment.	Essential	Application and Interview
Membership of relevant professional body	Desirable	Application and Interview

### Knowledge and Skills

Criteria	Essential or Desirable Criteria	Method of Assessment
Relevant knowledge of Higher Education curricula or other evidence of the ability to be or become an effective, research-informed teacher and assessor across the range of taught levels appropriate to the post.	Essential	Supporting Statement and Interview
Excellent, effective and adaptive teaching skills underpinned by sound pedagogical principles.	Essential	Supporting Statement and Interview
Developing breadth and depth of subject knowledge and evidence of continuing professional development.	Essential	Supporting Statement and Interview
Evidence of ability to work in a team and the emotional intelligence to support students in their studies through academic tutoring.	Essential	Interview



## Experience

Criteria	Essential or Desirable Criteria	Method of Assessment
Ability to support the diverse academic and personal needs of individual students.	Essential	Supporting Statement and Interview
Proven capacity to conduct and publish research or contributions to professional practice, ability to engage in academic and professional networking through active membership of associations, societies and professional bodies. (This criterion assumes you have or aspire to having significant responsibility for research).	Essential	Supporting Statement and Interview
Excellent communication skills, both written and verbal, and excellent interpersonal skills with the ability to liaise effectively with colleagues, students and external stakeholders.	Essential	Supporting Statement, Interview and Presentation.
Ability to work on one's own initiative, to reflect on one's own skills and knowledge, and to seek opportunities to develop.	Essential	Supporting Statement and Interview

## Competencies and Personal Attributes

Criteria	Essential or Desirable Criteria	Method of Assessment
Enthusiasm	Essential	Interview
Commitment	Essential	Interview
Team working	Essential	Interview
Good interpersonal skills	Essential	Interview
Flexibility and adaptability	Essential	Interview



## **Job Description for Senior Lecturer (Grade 9)**

### **Duties and Responsibilities**

The responsibilities of a Senior Lecturer are wide ranging and many change over time according to the development needs of the department and the individual. As a Senior Lecturer you will be expected to carry out the following as and when required:

#### **Teaching, Learning & Scholarship**

1. Effectively lead taught modules and contribute appropriately to programmes, taking a lead role in curriculum delivery and organisation, including teaching;
2. Contribute effectively to the design and planning of the curriculum, including the writing of course validation documentation as required, ensuring compliance with the University's Academic Regulations and Quality Management Handbook;
3. Seek to enhance the quality of education that students receive by ensuring that high standards are maintained in their own teaching, through regularly engaging with appropriate professional development activities;
4. Develop and use teaching and learning strategies across aspects of a course, which encourage student involvement and advances their independent learning, adapting delivery to suit students' needs;
5. Collaborate with colleagues in the continuous review and development of Department's programmes;
6. Supervise and monitor undergraduate and postgraduate taught students and supervise and monitor the work of research students;
7. Actively support and carry out research and scholarship which supports and informs programme currency delivery;
8. Reflect on your own teaching and implement ideas for improving your own performance;
9. Contribute effectively towards the development of the Department within an established programme of study.

## **Student Support**

1. Effectively oversee the welfare, progress, examination, assessment and marking of the students as designated by the Head of Department (or their deputy);
2. Take responsibility for specific aspects of the assessment process e.g. moderation or liaison with external examiner;
3. Act, as and when required, and in accordance with Edge Hill procedures, as a Personal Tutor for a number of students;
4. Take an advisory role in complex cases of support for a student.

## **Research**

For those who have significant Responsibility for Research:

1. Publish and disseminate the results of research in peer-reviewed journals or other appropriate outlets of recognised academic quality in line with area of expertise;
2. Contribute effectively to, and lead as appropriate, research and/or enterprise projects including identifying and making credible bids for funding to support the projects;
3. Enhance and maintain links with cognate disciplines within the Faculty, Institution, Industry and the Community;
4. Apply for grant funding and manage, as appropriate, any grants which are secured;
5. Supervise and manage research projects if required.

## **Leadership, Service & Externality**

1. Seek to enhance the quality of education and provision by ensuring that high standards of teaching and learning are maintained on the relevant courses to which they contribute;
2. Co-ordinate others to ensure module(s) are delivered to the standards required and to identify & respond to students' needs;
3. Lead on quality assurance and course evaluation, including facilitating student feedback;
4. Contribute effectively towards the development of the Department including taking lead responsibility for nominated projects and participating in VASP committees;
5. Responsible for the overall quality auditing of course provision to identify areas where current provision is in need of revision or improvement;
6. Develop others with ability to mentor colleagues in developing both their research agendas as well as teaching portfolios.
7. Be a fully active member of relevant Departmental/Faculty/Institutional business/committees and contribute to partnership working, projects and enterprise activity with external colleagues and service users (where appropriate);
8. Promote the work of the Institution and participate in the recruitment, selection and induction of students;
9. Participate in and develop additional external networks/operational links to further the development and reputation of the department and of the University;
10. Effectively manage relationships with key stakeholders;
11. Take part in relevant internal boards, committees and working groups as required;
12. Organise and administer tasks in an efficient and effective manner;
13. Carry out any other duties as requested by Head of Department/Line Manager, commensurate with the grade of the post.

## Person Specification for Senior Lecturer (Grade 9)

Please note that applications will be assessed against the Person Specification using the following criteria, therefore, applicants should provide evidence of their ability to meet all criteria. Where a supporting statement is indicated you will be asked to provide a statement of how you meet this criterion within the application form.

### Qualifications

Criteria	Essential or Desirable Criteria	Method of Assessment
A good relevant honours degree or equivalent qualification and experience of Higher Education learning.	Essential	Application
PhD or equivalent (normally by publication but where appropriate through professional achievement of a comparable nature).	Essential	Application
Higher Education (HE) teaching qualification, or commitment to achieve one within two years of appointment.	Essential	Application and Interview
Advance HE Fellowship, or commitment towards.	Desirable	Application and Interview
Membership of relevant professional body	Desirable	Application and Interview

### Knowledge and Skills

Criteria	Essential or Desirable Criteria	Method of Assessment
A well-developed breadth of subject knowledge and a record of successful engagement with professional development opportunities.	Essential	Supporting Statement and Interview
Successful record of having developed and used to good effect, flexible and innovative approaches to the design and execution of teaching, learning and assessment.	Essential	Supporting Statement and Interview

## Experience

Criteria	Essential or Desirable Criteria	Method of Assessment
Significant experience of innovative undergraduate and postgraduate teaching in higher education.	Essential	Supporting Statement and Interview
Experience of securing and undertaking externally funded research and/or enterprise activity, where appropriate.	Desirable	Supporting Statement and Interview
Proven ability to support the diverse academic and personal needs of individual students.	Essential	Supporting Statement, Interview and Presentation
Evidence of research publication activity in peer reviewed research journals for those with significant responsibility for research.	Essential	Supporting Statement and Interview
Evidence of having developed successfully networks with colleagues, students and external stakeholders.	Essential	Supporting Statement, Interview and Presentation
A record of having developed the student employability agenda in the department/institution through networking, employer engagement and student learning.	Desirable	Supporting Statement and Interview

## Competencies and Personal Attributes

Criteria	Essential or Desirable Criteria	Method of Assessment
Enthusiasm	Essential	Interview
Commitment	Essential	Interview
Team working	Essential	Interview
Good interpersonal skills	Essential	Interview
Flexibility and adaptability	Essential	Interview

## **Job Description for Senior Lecturer (Grade 10)**

### **Duties and Responsibilities**

The responsibilities of a Senior Lecturer are wide ranging and many change over time according to the development needs of the department and the individual. As a Senior Lecturer you will be expected to carry out the following as and when required:

### **Teaching, Learning & Scholarship**

1. Develop, as required, appropriate documentation in accordance with the Institution's Academic Regulations and Quality Management Handbook to support the processes of Edge Hill's quality assurance and ethics (including materials relating to course validation, enhancement process, review and evaluation);
2. Contribute effectively to the design and planning of curriculum for the Department, taking the lead responsibility for nominated projects.
3. Effectively oversee the welfare, progress, examination, assessment and marking of the students as designated by your Head of Department.
4. Fully engaged with teaching portfolios, and effectively use teaching and learning strategies, which encourage student involvement and advances their independent learning, adapting delivery to suit students' needs.

### **Student Support**

1. Take responsibility for overseeing the welfare, progression, examination and assessment of students and drawing to the attention of the Head of Department any issues as appropriate.
2. Act as a Personal Tutor for a number of students, including providing academic and personal support, supporting individual profiling and development planning, and preparing references; referring students to further support services as required.
3. Act as a postgraduate taught supervisor.
4. Promote the work of the University and participate in the recruitment, selection and induction of students.

## **Research**

For those who have significant Responsibility for Research:

1. Contribute effectively to the subject area in a chosen area of research, publishing research output of high quality, submitting regular bids for external funding, supervising PhD students and leading networks as appropriate.
2. Lead and develop strategies for achieving impact from your research or enterprise projects including identification and achievement of funding to support the projects.

## **Leadership, Service & Externality**

1. Lead departmental activities at an appropriate capacity within the department.
2. Lead and administer the effective delivery of courses and projects.
3. May undertake a programme, project, enterprise or research leadership role (as appropriate).
4. Ensure the integrity of designated programmes and projects, by ensuring all staff contributing are fully informed and prepared for effectively engaging in delivery and reporting responsibly, via appropriate channels, any cause for concern.
5. Co-ordinate and lead the team of staff who contribute to courses and research programmes or other programmes of work in order to maximise the impact of their individual and collective contributions.
6. Enhance the quality of education and provision by ensuring that high standards of teaching and learning are maintained on the relevant courses to which they contribute.



## **Externality**

1. Take responsibility for the effective academic administration of a designated programme of study, enterprise, research or innovation;
2. Lead, initiate, and develop, external networks to further the development and reputation of the University and the individual;
3. Engage in external collaborations and relationships at a strategic level and effectively manages significant partnerships with external organisations;
4. Significantly enhance the external profile of the department in appropriate networks and forums, identifying and building supportive and mutually beneficial partnerships. Fostering collaboration with external contacts, networks and partnerships including educational bodies, employers, researchers and professional bodies, as appropriate;
5. Actively contribute to mentor training, development and enhancement activities including the evaluation of these arrangements;
6. Organise and administer tasks in an efficient and effective manner;
7. Undertake other duties deemed appropriate by the Head of Department (or representative) and commensurate with the post.

## Person Specification for Senior Lecturer (Grade 10)

Please note that applications will be assessed against the Person Specification using the following criteria, therefore, applicants should provide evidence of their ability to meet all criteria. Where a supporting statement is indicated you will be asked to provide a statement of how you meet this criterion within the application form.

### Qualifications

Criteria	Essential or Desirable Criteria	Method of Assessment
A good relevant honours degree or equivalent qualification and experience of Higher Education learning.	Essential	Application
PhD or equivalent (normally by publication but where appropriate through professional achievement of a comparable nature).	Essential	Application
HE teaching qualification, or commitment to achieve one within two years of appointment.	Essential	Application and Interview
Advance HE Fellowship, or commitment towards.	Desirable	Application and Interview
Membership of relevant professional body	Desirable	Application and Interview

### Knowledge and Skills

Criteria	Essential or Desirable Criteria	Method of Assessment
Successful record of having developed, used and disseminated good practice of flexible and innovative approaches to the design and execution of teaching, learning and assessment initiatives.	Essential	Supporting Statement and Interview
Demonstrate ability to influence, advise, guide and mentor others and confidently challenge thinking and foster debate, and encourage the development of intellectual reasoning and rigour.	Essential	Supporting Statement and Interview
Ability to reflect on own skills and knowledge, and to seek opportunities to develop.	Essential	Supporting Statement and Interview

## Experience

Criteria	Essential or Desirable Criteria	Method of Assessment
Very significant experience of innovative undergraduate and postgraduate teaching in higher education, especially in the relevant subject area.	Essential	Supporting Statement and Interview
Evidence of leading teams, internally and externally, with the sound emotional intelligence required to work effectively with other people.	Essential	Supporting Statement and Interview
Proven ability to support the diverse academic and personal needs of individual students.	Essential	Supporting Statement, Interview and
Experience of securing and undertaking substantial externally funded research and/or enterprise activities, where appropriate.	Essential	Supporting Statement and Interview
Proven ability to support the diverse academic and personal needs of individual students, and to disseminate good practice in this respect.	Essential	Supporting Statement, Interview and
Evidence of research publication activity in peer reviewed journals (for those who have significant responsibility for research).	Essential	Supporting Statement and Interview
Evidence of having developed successfully and lead to good effect networks with colleagues, students and external stakeholders, e.g., to promote student employability.	Essential	Supporting Statement, Interview and Presentation

## Competencies and Personal Attributes

Criteria	Essential or Desirable Criteria	Method of Assessment
Enthusiasm	Essential	Interview
Commitment	Essential	Interview
Team working	Essential	Interview
Good interpersonal skills	Essential	Interview
Flexibility and adaptability	Essential	Interview

## Candidate Guidance and How to Apply

At Edge Hill University we value the benefits a rich and diverse workforce brings to our community and therefore welcome applications from all sections of society.

For informal enquiries about this vacancy, you may wish to contact: Professor Amr Ahmed, Head of Department of Computer Science, at [Amr.Ahmed@edgehill.ac.uk](mailto:Amr.Ahmed@edgehill.ac.uk).

When you are ready to start the formal application process, please [visit our Current Vacancies website](#), search for the role you wish to apply for, and select the 'Apply Online' button at the bottom of the job advert. The online application form can be completed in stages and can be revisited at any time. The form automatically saves as you enter your information, and you can move backwards and forwards between individual form sections at any time prior to application submission. Help is available at each stage to guide you through the form. Before final submission, you can preview your application and can then choose to refine or submit the form.

As part of your application, you will be asked to provide details of two referees. Please see our application form for guidance on how to nominate your referees.

You are able to upload a CV to the application form to supplement your application and supporting statements.

Please refer to the advert for the closing date for this vacancy, all applications must be submitted by 11:59pm on this date. Please note that you will receive an automated email from our online recruitment portal to confirm receipt of your application. Please check your spam/junk mail if you do not receive this email.

Following the closing date, we will contact you by email to let you know whether or not you have been shortlisted to participate in the next stage of the selection process. We try our best to inform all applicants within two working weeks following the closing date.

If you are offered the post, the offer will be subject to pre-employment clearance. You will be asked to provide: proof of your right-to-work in the UK; proof of your identity and evidence of your qualifications and professional memberships as referenced as essential or desirable in the person specification for this role. You will also be asked to complete onboarding forms including a pre-employment health questionnaire to support the University make appropriate adjustments to support you in the role. The University will also contact the referees you have nominated. Please note that you may be asked for alternative or additional referees as we seek references that cover your previous three years of employment history. Following successful completion of pre-employment clearances (including an Enhanced Disclosure and Barring Service check, as relevant, please see job advert) a start date will then be arranged with you.