

The UK Cyber Security Council & CyBOK

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Chief Executive Officer

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CyBOK

UK CYBER
SECURITY
COUNCIL

**JUST
LAUNCHED**



THE CHARTERED INSTITUTE
FOR CYBER SECURITY

**CHARTERING A CYBER
FUTURE STRATEGY 2025**



VISION

To create a world where the whole of society is safe and secure in cyber space

MISSION

To enhance and expand the nation's cyber skills, knowledge and profession at every level



PRIORITIES

- ❖ **Raise Awareness/Profile** of the Cyber Security Profession
- ❖ Design schemes to award professional titles (**Cyber Specialisms Standards**)
- ❖ Develop an **ethical framework**
- ❖ Create **Cyber Careers Framework/Route Map**
- ❖ Carry out **Outreach & Diversity Activities**
- ❖ **Thought Leader** for the profession
- ❖ Incorporate **Royal Incorporated Organisation**



THE STRATEGY

► Pillar One

The UK Cyber Ecosystem

► Objective 2

Enhance and expand the nations cyber skills at every level, including through a world class and diverse cyber security profession that inspires and equips future talent



National Cyber Strategy 2022

Pioneering a cyber future with the whole of the UK



THE TECHNICAL AND FUNDING PARTNERS



Department
for Culture
Media & Sport



National Cyber
Security Centre
a part of GCHQ



THE ECOSYSTEM PARTNERS



Department
for Culture
Media & Sport



National Cyber
Security Centre
a part of GCHQ



Department
for Work &
Pensions

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CabinetOffice



Ministry
of Defence



Department for
International Trade



Northern Ireland
Executive



The Scottish
Government



Llywodraeth Cymru
Welsh Government



tech^{UK}



THOUGHT LEADERSHIP & INFLUENCE



Home Office

Expert Advisory Group



Steering Group



Cyber security skills in the UK labour market 2022

Findings report

Gabriele Zatterin, Grace Atkins, Alex Bollen and Jayesh Navin Shah, Ipsos
Sam Donaldson, Perspective Economics



Cyber Skills Gap

2020/21 - 10,000

2021/22 - 14,000





Awareness

Attract

Retain

Engage

Cyber Skills Gap

2020/21 - 10,000

2021/22 - 14,000

THE ROYAL CHARTER PROFESSIONAL TITLES

- ❖ **Charter - ChCSP**
- ❖ **Principal - PCSP**
- ❖ **Associate - ACSP**

Apprenticeships

**Certificates &
Qualifications**

**GCSE/BTECS/
A'Level**

Technical Levels

THE LEXICON



**Standards
Work Programme**

**Careers & Learning
Work Programme**

CyBOK

**Validated and
Quality
Assured
Standards &
Careers Route
Map**

CYBER FRAMEWORKS & KNOWLEDGE



The NIST
Cybersecurity
Framework

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Chartered Standard

SFIA
Skills Framework for the Information Age

 Chartered Institute of
Information Security

 **enisa**
European Network
and Information
Security Agency

UK CYBER
SECURITY
COUNCIL


Digital Forensics


Cyber Threat
Intelligence


Cyber Security
Generalist


Cyber Security
Management


Incident Response


Network Monitoring
& Intrusion
Detection


Vulnerability
Management


Security Testing


Cryptography &
Communications
Security


Secure Operations


Identity & Access
Management


Secure System
Architecture &
Design


Cyber Security Audit
& Assurance


Data Protection &
Privacy

**The Careers Route Map:
pathways for the 16
specialisms in cyber security.**

Pick a specialism to find out more.

ACTIVITY MAPPING



ROYAL CHARTERED PROFESSIONAL REGISTRATION PILOT - SPECIALISMS



APPLICATION & LICENSING MODEL



Licensor



Licensee

**The Chartered
Body**

**Owners of the
Royal Charter**

**Owner of the
Professional
Register**

**Based on
Specialism**

**Candidate
Application**

**Candidate
Assessment**









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