CYBER SECURITY SKILLS FOR THE DIGITAL AGE.
Cyber Crime has never been more predominant. The number of breaches is exponentially rising year on year leading to an ever increasing cyber security threat.

In response to this growing threat, QA have developed the most comprehensive, end-to-end, cyber security training portfolio available. Our training caters for all roles within an organisation, from general employees up to senior management and including highly skilled cyber specialists.

So whether you are an independent security professional or a global organisation, our cyber security training domains offer the most effective way to focus on the skills you need.

Security skills for the digital age.

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Unrivalled depth and breadth in personal learning, whatever the scale

We offer a wide and constantly updated portfolio of cyber security training. We cover specialist technical training, cyber certifications and a range of courses that help develop skills in defending and protecting organisations assets. Our training is designed to span all roles in an organisation, from individual contractors to general staff up to and including the C-Suite. We provide public, private and bespoke training across a range of methods including classroom and online, offering the most flexible training solutions on the market.
What we offer

From public courses to private events, covering cyber certifications, assurance and defence skills, our 10 cyber domains cover cyber security training for:

- Staff of all levels
- Government Information Security Practitioners
- Project Managers
- Software Developers and test teams
- Law enforcement and government
- Network and infrastructure specialists
- Specialist cyber Security Professionals

Capture the Flag events hosted in our Cyber Labs see page 16
END TO END CYBER SECURITY TRAINING

Cyber Certifications
Cyber Awareness
HMG Information Assurance
Cyber Compliance
Cyber Security Operations
Cyber Incident Response
Cyber Secure Developer
Cyber Intelligence
Digital Forensics
Cyber Offensive Defence

Courses current at time of publishing (Feb '17). For our latest course lists please visit QA.COM/CYBER
With over 50 public courses, we offer cyber training for the whole organisation. In a supportive, hands-on learning environment, our public, private and bespoke training courses meet the needs of individuals, employers and enterprise.

**Cyber Certifications**

Industry-recognised security certifications that demonstrate a security professional’s capability and skill. These certifications also represent a measure of personal achievement for security professionals and prove their commitment to self-development, making them highly-prized by prospective employers. Our international qualifications range from the entry-level CompTIA Security+ to the comprehensive Certified Information Systems Security Professional (CISSP).

**Cyber Awareness**

Courses that raise awareness of the most common cyber threats such as phishing, malware, protecting your online footprint, the Internet of Things, supply chain and more. These training courses are aimed at staff of all levels and designed to educate them of the various cyber threats faced on a day-to-day basis. Awareness is the first key step towards reducing risk and protecting an organisation from cyber breaches. Our offering includes a newly-developed Cyber Essentials for End Users package, which combines Ethical Phishing Assessments with Security Awareness E-learning to measure the cyber awareness of all staff within an organisation.

**HMG Information Assurance**

Courses for security professionals, both in the public and private sectors, that need to develop thorough and practical knowledge of HMG Information Assurance. If your organisation is part of the public sector, or the HMG supply chain, you will be required to demonstrate a full understanding of security relating to information, security threats and appropriate mitigation methods. Our courses are designed to provide processes, methodologies and disciplines that enable risk identification, analysis and mitigation at the highest possible standard. They are reinforced using real-world case studies and constantly updated to stay ahead of the rapidly changing landscape.

**Cyber Compliance**

Courses for those required to maintain regulatory security standards – not just IT - within an organisation. The responsibility for keeping an organisation’s data safe is business wide, so it is crucial to ensure that employees are clear on their regulatory responsibilities and the current best practice and standards. Through in-depth practitioner training on topics such as privacy and fraud to the GDPR, ISO27001 and PCI-DSS standards, we focus on enhancing and embedding knowledge rather than just teaching ‘tick-box’ compliance like many other training organisations.
Cyber Security Operations
Courses for those working in a security management and operational role.
These courses are designed to enable organisations to improve operational security, leverage the Security Operations Centre (SOC) analyst and understand the specialist training techniques used in vulnerability management and security information event management (SIEM) platforms.
Our specific courses on malware, reverse engineering, vulnerability management and encryption are delivered in a technology agnostic approach, making them applicable to any vendor or cloud technology.

Cyber Incident Response
Courses for those responsible for crisis management, communications and CERT teams.
These training courses provide the skills, tools and techniques to manage the unique challenges brought about by a cyber crisis.
In addition, our unique Cyber Labs provide a safe place to simulate and role play resolution scenarios, meaning that we deliver both theory and practice, ensuring maximum learning.

Cyber Secure Developer
Courses for security project managers, software developers, business analysts and test teams.
The majority of successful cyber attacks depend on exploiting a few well-known common vulnerabilities in code and systems.
QA’s Cyber Secure Developer curriculum teaches how to ‘design in’, rather than ‘bolt on’, security to your system development life-cycle.

Cyber Intelligence
Courses for security professionals such as cyber security analysts, IT risk management, internal audit, law enforcement (digital investigator) and government.
Modern cyber criminals are increasingly able to utilise digital footprints to compromise security, so it is vital to fully understand the risk that data leaks could put individuals and organisations at.
Our courses provide the skills and time to explore core subject areas deeply, including the Dark Web, Cyber Crime in Business, Protecting your Online Footprint, and Open Source Cyber Intelligence (OSCI).
Cyber Offensive Defence

Courses for those responsible for defending IT networks, applications and infrastructure designed to support the novice and accelerate the most advanced with genuine skills in cyber offence defence trade-craft.

Our ‘digital forensics track’ takes security professionals through forensic fundamentals, mobile forensics and advanced topics. It enables individuals and organisations to utilise investigative tools, gather digital evidence, and report in a way that ensures clarity and actionable insight.

These courses offer the opportunity to put digital forensics into action, in Windows and Linux labs.

Digital Forensics

Courses for security professionals, IT risk management, internal audit, law enforcement and government.

Nowadays, nearly all businesses depend on web technologies to operate and with that dependency comes the reality of an increased cyber threat. To combat that threat and/or to investigate incidents that have occurred in order to prevent future threats, the discipline of Digital Forensics is key.

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Capture The Flag Events

Interactive challenges for ‘Cyber Defenders’, from foundation to advanced.

Our state-of-the-art Cyber Labs enable companies to simulate real-life cyber attacks on their infrastructure, helping them to prevent and combat breaches without risking their own network.

Participants in the events have to navigate through systems, seek vulnerabilities, and then exploit them in different ways in order to capture the flag.

“Subject knowledge is essential for effective instruction. Through my career I have been enrolled on many courses. This course [CISMP] has been unquestionably the most valuable, due to [the trainer’s] experience, passion for the subject and communication skills. I will look to undertake courses with him in the future.”

DON'T JUST TAKE OUR WORD FOR IT...

UNRIVALLED IN PERSONAL LEARNING
WHAT WE OFFER
OUR CYBER DOMAINS EXPLAINED
OUR CYBER LABS
OUR CYBER SECURITY ONLINE ACADEMY
EXPERTS IN CYBER SECURITY TRAINING
MUCH MORE THAN COURSES
LEARN ANYWHERE, ANY TIME, ANY PLACE
QA’s Cyber Labs are state-of-the-art facilities that provide an ideal opportunity for practical hands-on training.

The labs allow organisations to simulate and react to real life cyber threats in a safe environment.

The Cyber Labs enable IT security teams to develop and practice a variety of Cyber Defender ‘Capture the Flag’ (CTF) events.

Our CTF events help harness the talent within teams enabling them to solve the challenges before they have to do it for real.

- Understand how to conduct digital investigations relating to malicious activity
- Learn how to accurately collect and analyse evidence
- Gather social media intelligence on ‘Digital Treasure Hunts’
- Conduct investigations online and across multiple devices

Rehearse incident response techniques
- Simulate press and media liaison exercises
- Practice effective inter-department communications
- Rehearse industry specific scenarios

Immerse yourself in a full ‘hands-on’ simulated attack
- Secure development challenges for application developers
- Learn to ‘detect, deter and defend’ cyber attacks with hands-on labs
- Understand and practice effective security incident triage

Learn how to develop a defensive shield
- Cyber Defender skills for your industry - from beginner to advanced
- Hands-on Cyber trade craft tools & techniques to identify vulnerabilities
- Develop proactive cyber defence skills

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Learn online - The Cyber Security Academy.

With distributed workforces and training budgets always under pressure, QA Online Academies provide a perfect learning solution for modern day organisations.

Whether the need is for end-to-end Cyber Security Awareness, Compliance, Security Operations, Digital Forensics or Security Development, QA’s Online Cyber Security Academy is a fast and specific way to learn through video based learning solutions.

Featuring QA instructors and leveraging our QA classroom course materials, coupled with full reporting for Managers, our video based learning provides a cost effective, proven method of learning.

The QA Cyber Security Online Academy courses include:

- ISO27001 2013 Introduction
- Cyber Security Introduction
- Secure by Design
- Protecting Your Online Footprint
- Data Protection Manager
- Operational Cloud Security
- Introduction to Digital Forensics

Other online academies include, Project Management, Business Systems, App and Web Development, ITIL and BSD.
Experts in Cyber Security training.

More accredited professionals with real-world experience than any other training provider.

Our cyber security experts develop and write many of our courses, bridging the gap between theory and real-life expertise.

Unique Cyber Labs facility providing immersive learning and hands-on practice to perfect defence.

Tailored cyber security learning pathways developed to transform your security capabilities.

At QA we offer learning in many ways, with classroom, e-learning, public, private and bespoke programmes ensuring our customers can learn anywhere, any time, any way.

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Much more than courses.

In addition to the most comprehensive security training portfolio to bolster Cyber Professionals skills, QA are also able to offer organisations world-class Apprentices, Master Degrees and high-calibre fully trained QA Consultants in the Cyber Arena.

APPRENTICESHIPS.QA.COM

MASTERS.QA.COM

QA.COM/CONSULTING
Learn anywhere, any time, any way

Modern organisations need modern ways to learn, combining our UK-wide training centres with the latest methods in online learning, means we can offer you more convenient, more accessible, more effective ways to learn.

**INSTRUCTOR LEAD CLASSROOM**

- In our UK wide training centres
- In your premises
- Join classroom training remotely
- Attend from anywhere

**ONLINE LEARNING**

- Interactive self paced online e-learning
- Full certification paths through our online academies
- The complete virtual classroom

**BLENDDED SOLUTIONS**

- Blended learning solutions
- Performance based learning
  - Digital learning meets facilitated classrooms

**WHAT WE OFFER**

- Unrivalled in personal learning
- Our cyber domains explained
- Our cyber labs
- Our cyber security online academy
- Experts in cyber security training
- Much more than courses
- Learn anywhere, any time, any place
To discuss your cyber security training needs speak to one of our learning advisors.

0345 074 7978

visit QA.COM/CYBER

or drop in to one of our national centres.
To talk to us about your cyber security training needs, please call

0345 074 7978

For a list of our latest courses please visit

QA.COM/CYBER