



WHAT THE ACADEMY OFFERS

The Cyber Academy is designed to prepare you for a range of roles including:

- Cyber security specialist
- Security analyst
- Penetration tester
- Information security officer

What does the programme cover?

- Anti-virus and malware
- Cyber security fundamentals
- Cyber threats
- Basic Python programming
- Windows security
- Information assurance
- Network security
- Cloud security
- Mobile and wireless security
- Social engineering

Raytheon Professional Services Cyber Academy

The cyber security challenge

Cyber security is one of the most pressing priorities for organisations today, but recruiting and retaining the experienced staff needed to navigate the hostile landscape has become increasingly challenging due to the ongoing industry skills shortage.

The Cyber Academy is a retraining programme designed to create a new generation of cyber security technicians, who will develop the necessary skills and knowledge to secure cyber security employment. It has been created in partnership with the Greater Manchester Combined Authority (GMCA) and the Lancashire Digital Skills Partnership (LDSP) as part of their Fast Track Digital Workforce Fund. This fund has been designed to help support the local economy by building on the key digital skills requirements employers have identified.

Why should I pursue a career in cyber security?

Every day there are nearly a million cyber attacks on our biggest global businesses. By 2021, there will be an estimated shortage of 3.5 million information security workers worldwide. Statistics like these mean that employers are actively seeking trained cyber security talent. This means that cyber security training can open the door to a new career and opportunities. The remuneration is competitive too, with salaries ranging from £20,000 to £80,000 depending on experience*.

*Data from ITJobswatch.co.uk

Cyber Academy

ACADEMIC TIMELINE



Acceptance to programme



Induction: Welcome to the Cyber Academy



Entry to programme learning: Online learning CompTIA A+



Examination: CompTIA A+



Beginner: Cyber Security Training modules



Industry experience events



Intermediate: Training modules



Work experience: Real-life business project



Project support workshops



Tutor support (one to one)



Classroom based workshop: CompTIA Network +



Examination: CompTIA Network +



Recruitment and Career boot camp



Graduation

How does the academy work?

Our flexible options are designed to encourage applications from candidates who may have other commitments and time limitations. Whichever option you choose, you will need to dedicate the study time required.

Route 1 — Fast Track

- 23 days of classroom training delivered in block formats of 3-5 days
- 80 hours of online learning
- Virtual coaching support
- Industry experience events
- 10 days work experience at a sponsoring employer
- Recruitment and career support boot camp

Route 2 — Part Time

- Classroom training delivered evenings and on weekends for a total of 16 days
- 100 hours of online learning
- Virtual coaching support
- Industry experience events
- 10 days work experience at a sponsoring employer
- Recruitment and career support boot camp

Route 3 — Digital Boot Camp

- 60+ hours of online self-study
- 100+ hours of instructor-led virtual classroom
- Virtual coaching support
- Virtual networking events
- 5 days of classroom training
- Recruitment and career support boot camp



**Raytheon
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[Learn more about the Cyber Academy](#)

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