



**Universal Training Academy**  
**Course: Cyber Security – Introduction**

**A brief description of the module**

Cyber security skills are essential to any organisation committed to addressing the increasing risk from cyber-attack. Experienced and qualified information security professionals are much in demand and there is a global shortage of cyber security skills. This course will teach you how to use encryption effectively, manage security and privacy threats for your systems, use appropriate techniques to stop hackers and prevent tracking, including advanced anonymous browsing.

**What the course aims to teach**

- Introduction: The Threat and Vulnerability Landscape
- Know Your Enemy – Current attack techniques, exploits and scams
- Setting up a Testing Environment Using Virtual Machines
- The Role and Effective Application of Encryption
- Access Control and Authentication Best Practices
- Operating System Security & Privacy (Windows vs Mac OS X vs Linux)
- Security Bugs and Vulnerabilities
- Social Engineering, Social Media, Security and Privacy Awareness
- Emerging Threats and Concerns

**Learning outcomes**

A strong practical skill set in detecting and defeating typical online threats – hackers, trackers, malware and all sorts of Internet nastiness. The very latest up-to-date information and methods. Explore the threat landscape – Darknets, dark markets, zero day vulnerabilities, exploit kits, malware, phishing and much more. You will master encryption in an easy to follow crash course. We cover operating system security, privacy, and patching – on Windows 7, Windows 8, Windows 10, MacOS and Linux. You will learn how to setup and manage effective authentication and access control. Go in-depth into security and privacy through physical and virtual isolation and compartmentalization. Covering sandboxes, application isolation, virtual machines, Whonix and Qubes OS. You will develop raised awareness and in-depth appreciation of social engineering and an effective set of behaviours for its defeat.

**Pre – Requisites**

A basic understanding of using operating systems, networks, and the Internet.

**Venue**

St Georges buildings, 5 St Vincent Place, Glasgow, G1 2DH

**Cost**

The registration fee of the workshop will be £650 which includes course notes and lunches. You should make your own arrangements for accommodation.

**Payment**

Universal Training Academy Ltd accepts payments by cheque, cash and bank transfer. Please contact for further details.

**Registration Form**

Please turn over for the registration form



**Registration Form**

**Name**

---

**Address**

---

---

---

---

---

**Tel**

---

**Email**

---

- I wish to register for the course at a cost of £650 including course material and workshop lunches.
- I enclose a cheque for £650
- Please invoice me at the above address
- Please send me information on local hotels

**Disclaimer**

All materials and information supplied during and associated with this course are intended purely for instructional purposes. Whilst every effort is taken to ensure that materials provided are accurate and suitable for training purposes, Universal Training Academy Ltd accepts no responsibility for their accuracy or utility.

- I accept the above**

**Signature**

---

**Date**

---

The completed form should be sent to *Universal Training Academy Ltd*, 5 St Vincent Place, Glasgow, G1 2DH

Or to [info@utac.co.uk](mailto:info@utac.co.uk)

**Contact Info**

E: [info@utac.co.uk](mailto:info@utac.co.uk) | W: [www.utac.co.uk](http://www.utac.co.uk) | T: 01412754801