

## CompTIA CompTIA Cybersecurity Analyst (CySA+) (CS0-002)



### In a nutshell

CompTIA is the world's largest vendor-neutral IT certification body. The CompTIA Cybersecurity Analyst (CySA+) course teaches you how to use behavioural analytics to improve the overall state of IT security through preventing, detecting and combatting cybersecurity threats.

CySA+ is the most up-to-date security analyst certification that covers advanced threats in the digital age.

This course is available as part of a Personal Learning Account (PLA). PLA is an initiative from the Welsh Government which offers people the chance to access free, part-time courses with flexible and convenient learning that fits around their existing lifestyle (subject to eligibility).

### This course is for...

... anyone aged 19+, living in Wales and in employment. The usual salary limit of £32,371 does not apply to this course.



# COURSE INFORMATION LEAFLET

... professionals within IT and/or Cyber Security sectors looking to build their portfolio and skillset

## Course content

This course includes:

- Assessing Information Security Risk
- Analyzing the Threat Landscape
- Analyzing Reconnaissance Threats to Computing and Network Environments
- Analyzing Attacks on Computing and Network Environments
- Analyzing Post-Attack Techniques
- Managing Vulnerabilities in the Organization
- Implementing Penetration Testing to Evaluate Security
- Collecting Cybersecurity Intelligence
- Analyzing Log Data
- Performing Active Asset and Network Analysis
- Responding to Cybersecurity Incidents
- Investigating Cybersecurity Incidents
- Addressing Security Architecture Issues
- Appendix A: Mapping Course Content to CyberSec First Responder (Exam CFR-210)
- Appendix B: Mapping Course Content to CompTIA® CyberSecurity Analyst+ (Exam CS0-001)
- Appendix C: Security Resources
- Appendix D: U.S. Department of Defence Operational Security
- Identifying vulnerabilities, risks and threats to an organisation
- Secure and protect applications and systems within an organisation
- Prevent, detect and combat security threats
- Cyber incident response

## Entry Requirements

The CySA+ qualification is recommended to those who have already done Network+, Security+ or can demonstrate equivalent knowledge and have a minimum of 4 years of hands-on information security or related experience.

## Additional information

Apply online at [www.coleggwent.ac.uk](http://www.coleggwent.ac.uk)

[studentrecruitment@colegwent.ac.uk](mailto:studentrecruitment@colegwent.ac.uk) | 01495 333777 (Croesawn alwadau yn Gymraeg)





## COURSE INFORMATION LEAFLET

This course is delivered by virtual classroom. Virtual classrooms are equivalent to face-to-face classroom courses, but delivered in an online environment.

You will need to put aside 5 days to attend this course.

The course includes exams which are invigilated online and you need to have access to an internet enabled device with a microphone and a webcam.

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