



MAHARISHI
INVINCIBILITY INSTITUTE

—
YOU WERE BORN TO BE GREAT

CYBER SECURITY ACADEMY

Become a Cybersecurity
Professional and choose
a secure career



INTRODUCTION

BECOME A CYBERSECURITY PROFESSIONAL



MAHARISHI
INVINCIBILITY INSTITUTE

```
This example of
Single::ToString<String>,
Single::ToString<IFormatProvider>, and
Single::ToString<String, IFormatProvider>
generates the following output when run in the [en-US] culture.
A Single number is formatted with various combinations of format
strings and IFormatProvider.

IFormatProvider is not used; the default culture is [en-US]:
No format string: 11876.54
'MS' format string: 11.87654000
'E' format string: 1.187654E+004
'ES' format string: 1.187654E+004

A CultureInfo object for [en-US] is used for the IFormatProvider:
No format string: 11876.54
'MS' format string: 11.87654000
'E' format string: 1.187654E+004

A NumberFormatInfo object with digit group size = 2 and
digit separator = ',' is used for the IFormatProvider:
No format string: 11,876.54
'E' format string: 1.187654E+004
Press any key to continue . . .
```

The competition for talent, globally, in cybersecurity is fierce. It is virtually impossible to hire sufficient people in South Africa with security skills for public cloud computing and other newer digital domains. This, coupled with women currently representing a mere 20% of people working in the field of Cybersecurity begs the question, “How do we address this problem?”

The New York Times reports a stunning statistic in Cybersecurity: Cybersecurity Ventures' prediction that there will be 4 million unfilled Cybersecurity jobs globally by 2021, up from one million positions in 2014.

Our Cybersecurity Academy aims to address this by developing the individual's knowledge and practical skills in the ICT Cybersecurity realm. Students enrolled in the academy are typically looking to broaden ICT technical skills, digital security analytics and threat intelligence skills, with training led by experts with many years of experience in ICT and Cybersecurity. The programme ensures that students gain real insights into the inner workings of Cybersecurity and that they are able to accelerate their development as Cybersecurity practitioners.

FOUNDING SPONSOR



Without ABSA's passion, guidance and support every step of the way this world-changing, globally award winning CyberAcademy would not exist. Our deepest thanks to ABSA for living their Values so completely and demonstrably.

CORE SPONSORS



 **Microsoft**



 **LRMG**

CAREER OPPORTUNITIES



YEAR 1

Technical Support Administrator | Field Technician | Desktop Administrator | IT Consultant | System Engineer
| Modern Desktop Administration

YEAR 2

Security Analyst | Vulnerability Tester | Senior Systems Administrator | Information Technology Manager | Senior Systems
Engineer | DevSecOps Engineer | Developer (Python) | Cybersecurity Analyst (SOC)

YEAR 3

Senior Systems Engineer | Threat Intelligence Analyst | Cybersecurity Analyst (SOC) | Network Support Engineer
| Network Data Engineer | Network Security Associate | Cloud Security Engineer | Penetration Tester

GLOBAL AWARDS



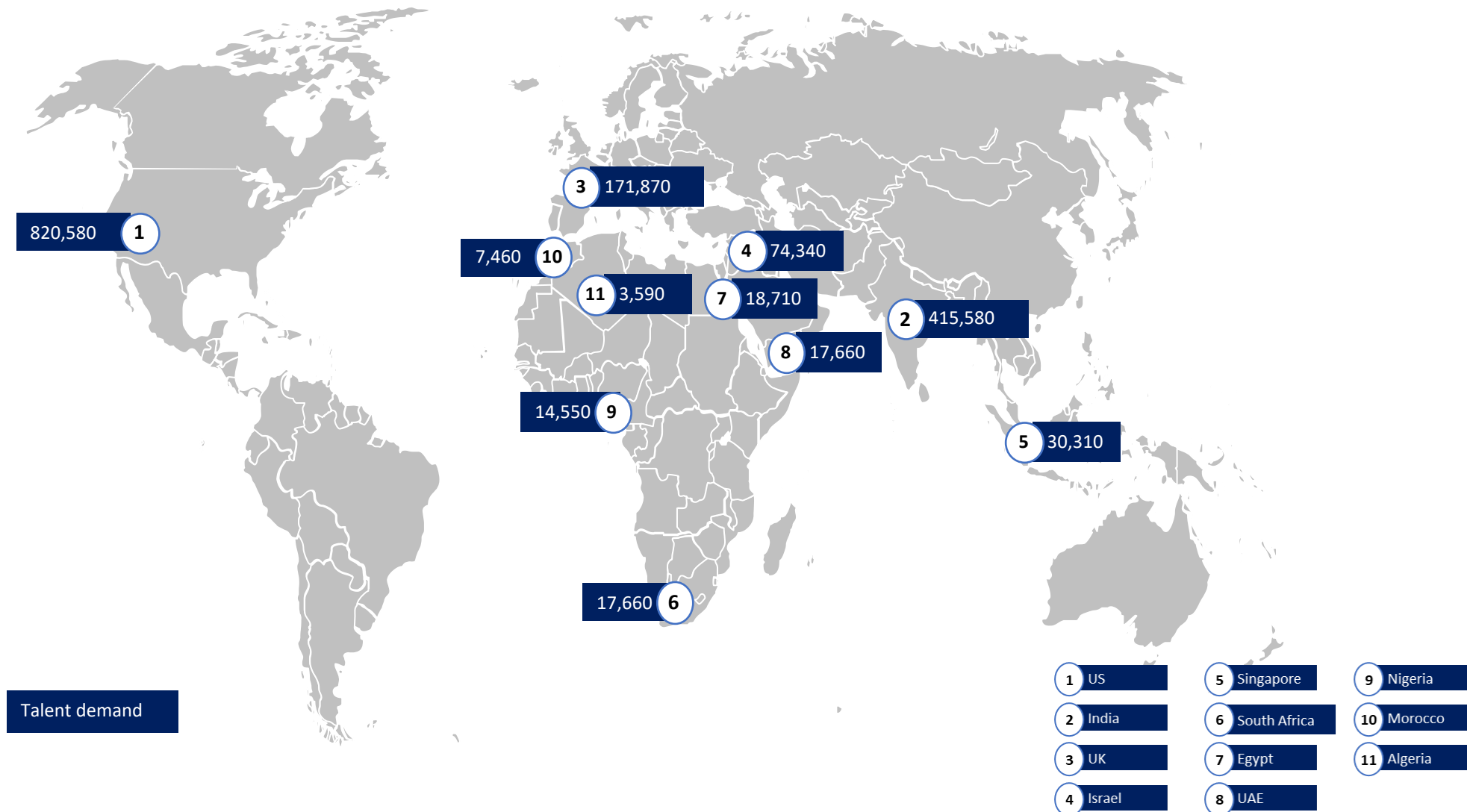
Brought to you by
**FINTECH
FUTURES**

First prize winner with ABSA Bank for the MII-ABSA Cybersecurity Academy in the Global Banking Tech Awards, Fintech for Good Winner, 2020.



First prize winner with ABSA Bank for the MII-ABSA Cybersecurity Academy in the Global Cybersecurity Awards, 2020.

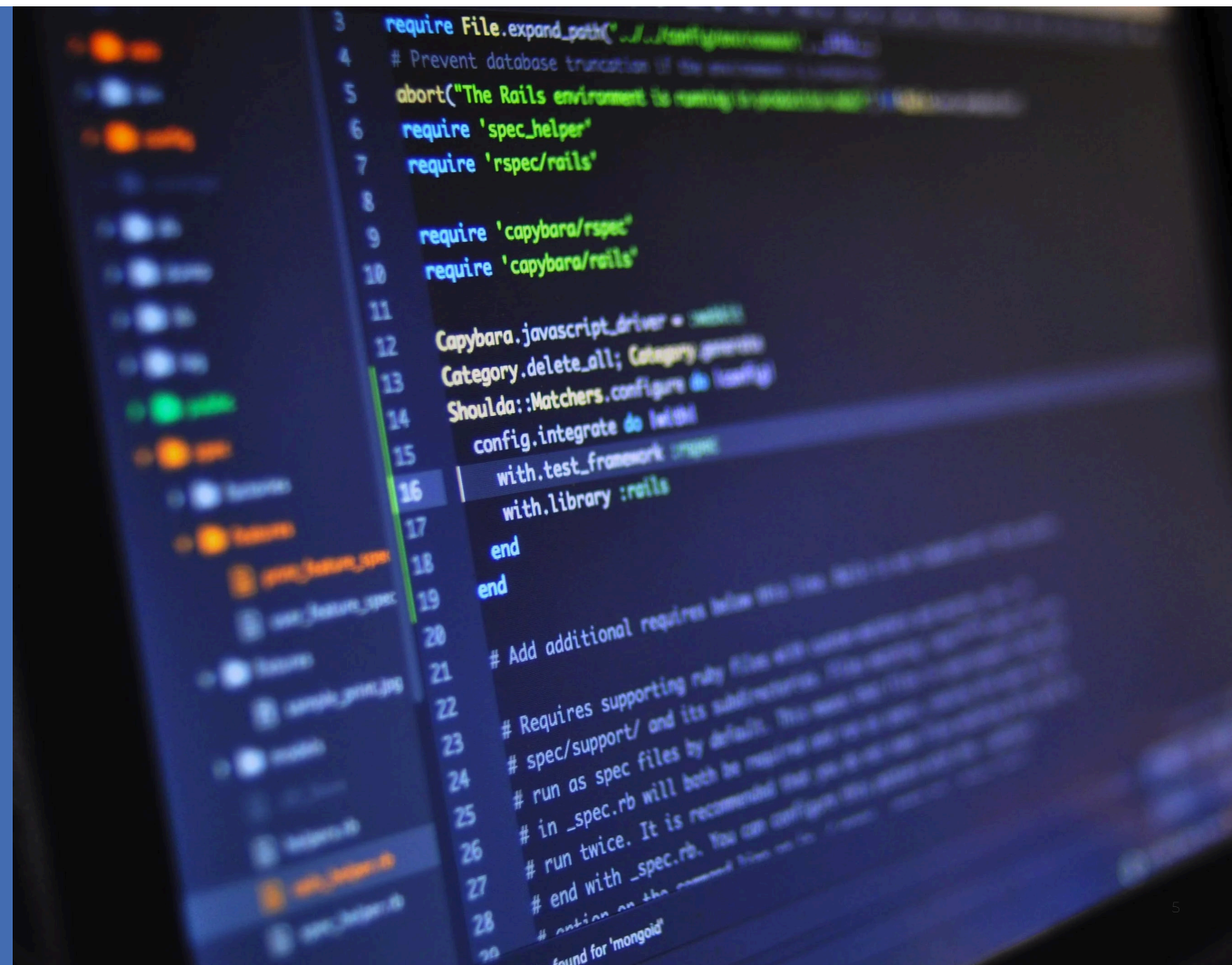
CYBERSECURITY TALENT DEMAND BY LOCATIONS



Source: TalentNeuron Research and Analysis, Crawling of Public Profiles, Job Sites

SUB VERTICAL SPECIALISATIONS:

- Cloud Engineering
- Developers and Software Engineering
- Network Engineering
- DevOPS
- Robotics and Automation
- AI Engineering
- Enterprise Software Architecture



PROGRAMMES AND MODULES

YEAR 1 Technical

- National Certificate Technical Support (NQF 4)
- CompTIA A+
- CompTIA Network +
- Introduction to cybersecurity
- CompTIA Security +

Job Exposure

You will get practical exposure to apply your knowledge

Softskills

Skills to help you get ready for the job market

YEAR 2 Technical

- National Certificate Systems Support (NQF 5)
- Python Programming
- CCNA DevNet
- CCNA CyberOperations

Job Exposure

You will get practical exposure to apply your knowledge

Softskills

Skills to help you get ready for the job market

YEAR 3 Technical

- Database developer (NQF 6)
- CompTIA PenTest +
- AWS Foundations
- AWS Cloud Practitioner
- AWS Cloud Architect
- AWS Security Engineer
- Fortinet NSE 1-4
- Imperva Database security
- Microsoft Platform Security

Job Exposure

You will get practical exposure to apply your knowledge

Softskills

Skills to help you get ready for the job market



INFORMATION TECHNOLOGY: TECHNICAL SUPPORT

Further Education and Training Certificate

FULL QUALIFICATIONS



Qualification ID: 78964
NQF level: 4

The purpose of this qualification is to build a foundational entry into the field of Computer Sciences and Information Technology, specifically into the field of Systems Support, covering basic knowledge needed for further study in the field of Systems Support at Higher Education Levels.

The programme comprises five learning units:

- LU1: Communicate effectively in a Technical Support Environment
- LU2: Mathematical Literacy
- LU3: CompTIA (220-1001 and 220-1002)
- LU4: Data Communications and Networking Support
- LU5: Workplace experience (logbook)

Duration: 12 months

Lecture times: Monday – Friday from
10:00 AM – 2:00 PM (online and in person)

Assessment format:

Online submission (only)

Formative assessment

- Duration: Submit at the end of each domain
- Number of questions: Varies per unit standard
- Style of questions: Multiple Choice and written
- Pass mark: Competency
- No negative marking

Final Summative Assessment

Duration: Submit at the end of each Learning Unit

- Number of questions: Varies
- Style of questions: Multiple Choice and Written
- Pass mark: Competency
- No negative marking

The exam result is a combination of formative and final assessment scores leading to “competency” or “no competency”.

INTRODUCTION TO CYBERSECURITY



INTERNATIONAL QUALIFICATIONS

Discover the world of cybersecurity and its impact, as you uncover the most common threats, attacks and vulnerabilities. With billions of devices now online, new threats pop-up every second.

Today's interconnected world makes everyone more susceptible to cyber attacks. Whether you're attracted to the relative new world of cybersecurity as a professional, or just interested in protecting yourself online and in social media, this introductory course is the answer. It explores cyber trends/threats - along with the broader topic of cybersecurity in a way that will matter to YOU. For instance, you'll learn how to protect your personal privacy online while gaining additional insight on the challenges companies and governmental and educational institutions face today.

No prerequisites.

You'll Learn These Core Skills:

- Learn what cybersecurity is and its potential impact to you.
- Understand the most common threats, attacks and vulnerabilities.
- Gain insights for how businesses protect their operations from attacks.
- Find the latest job trends and why cybersecurity continues to grow.



15 hours



Beginning



5 modules | Practice Labs | Interactive Activities | Quizzes | Final Exam

COMPTIA A+

INTERNATIONAL QUALIFICATIONS



EXAM CODES 220-1001 AND 220-1002 (CORE SERIES)

CompTIA A+ certified professionals are proven problem solvers. They support today's core technologies from security to cloud to data management and more. CompTIA A+ is the industry standard for launching IT careers into today's digital world. The only credential with performance-based items to prove pros can think on their feet to perform critical IT support tasks in the moment.

Trusted by employers around the world to identify the go-to person in end point management and technical support roles. Regularly re-invented by IT experts to ensure that it validates core skills and abilities demanded in the workplace.

Technical

- Database developer (NQF 6)
- CompTIA PenTest +
- AWS Foundations
- AWS CI Cloud Practitioner
- AWS Security Engineer
- Fortinet NSE 1-4
- Imperva Database Security
- Microsoft Platform Security

THE COMPTIA A+ CORE SERIES REQUIRES CANDIDATES TO PASS TWO EXAMS: CORE 1 (220-1001) AND CORE 2 (220-1002) COVERING THE FOLLOWING NEW CONTENT:

- Demonstrate baseline security skills for IT support professionals
Configure device operating systems, including Windows, Mac, Linux, Chrome OS, Android and iOS and administer client-based as well as cloud-based (SaaS) software.
- Troubleshoot and problem solve core service and support challenges while applying best practices for documentation, change management, and scripting support basic IT infrastructure and networking.
- Configure and support PC, mobile and IoT device hardware.
- Implement basic data backup and recovery methods and apply data storage and management best practices.



3 months



Intermediate



Practice Labs | Interactive Activities |
Quizzes | Final Exam

YEAR 1

COMPTIA A+

INTERNATIONAL QUALIFICATIONS

9 SKILLS THAT YOU MASTER AND VALIDATE WITH COMPTIA A+

OPERATIONAL PROCEDURES

Follow best practices for safety, environmental impacts, communication and professionalism.

SOFTWARE TROUBLESHOOTING

Troubleshoot PC and mobile device issues including application security support.

OPERATING SYSTEMS

Install and support Windows OS Including command line and client support. Understand Mac OS, Linux and mobile OS.

HARDWARE

Identifying, using and connecting hardware components and devices.

VIRTUALISATION AND CLOUD COMPUTING

Compare and contrast cloud computing concepts and set up clients-side virtualisation.

SECURITY

Identify and protect against security vulnerabilities for devices and their network connections.

MOBILE DEVICES

Install and configure laptops and other mobile devices.

HARDWARE AND NETWORK TROUBLESHOOTING

Troubleshoot device and network issues.

NETWORKING

Explaining types of networks and connections including TCP/IP WIFI and SOHO.



YEAR 1

COMPTIA NETWORK+

INTERNATIONAL QUALIFICATIONS



EXAM CODES N10-007

CompTIA Network+ helps develop a career in IT infrastructure covering troubleshooting, configuring, and managing networks.

Network+ ensures an IT professional has the knowledge and skills to:

- Design and implement functional networks
- Configure, manage, and maintain essential network devices
- Use devices such as switches and routers to segment network traffic and create resilient networks
- Identify benefits and drawbacks of existing network configurations
- Implement network security, standards, and protocols
- Troubleshoot network problems
- Support the creation of virtualised networks



3 months



Intermediate



Practice Labs | Interactive Activities |
Quizzes | Final Exam

COMPTIA NETWORK+

INTERNATIONAL QUALIFICATIONS

SKILLS THAT YOU MASTER AND VALIDATE WITH COMPTIA NETWORK+



NETWORKING CONCEPTS

Explain the purpose of a variety of networking concepts and implement them appropriately.



NETWORK OPERATIONS

Use best practices to manage the network, determine policies and ensure business continuity.



NETWORK SECURITY

Summarise physical security and common attacks while securing the wired and wireless network.



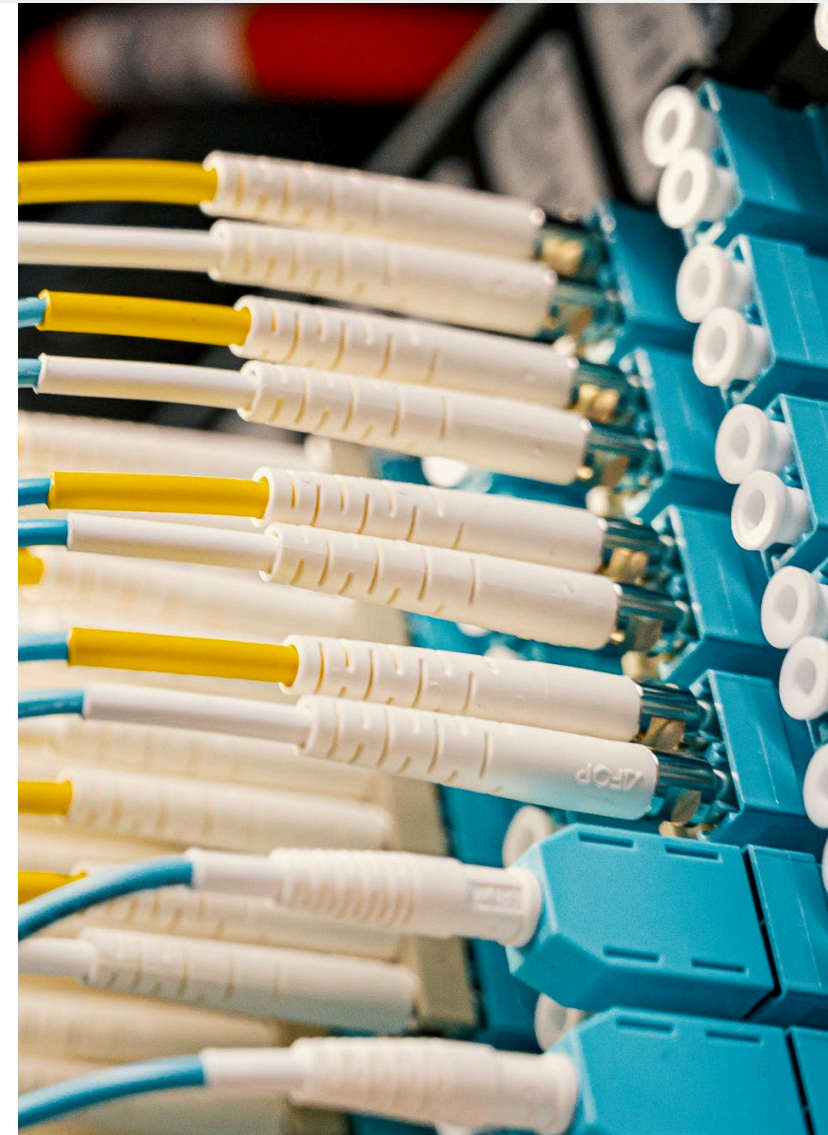
NETWORK TROUBLE SHOOTING AND TOOLS

Explain the network troubleshooting methodology and appropriate tools to support connectivity and performance.



INFRASTRUCTURE

Determine and explain the appropriate cabling, device and storage technologies.



COMPTIA SECURITY+

INTERNATIONAL QUALIFICATIONS



SECURITY+ OPENS THE DOOR TO YOUR CYBERSECURITY CAREER

CompTIA Security+ is a global certification that validates the baseline skills necessary to perform core security functions and pursue an IT security career.

CompTIA Security+ is the first security certification a candidate should earn. It establishes the core knowledge required of any cybersecurity role and provides a springboard to intermediate-level cybersecurity jobs. Security+ incorporates best practices in hands-on troubleshooting, ensuring candidates have practical security problem-solving skills required to:

- Assess the security posture of an enterprise environment and recommend and implement appropriate security solutions.
- Monitor and secure hybrid environments, including cloud, mobile and IoT.
- Operate with an awareness of applicable laws and policies, including principles of governance, risk, and compliance.
- Identify, analyse, and respond to security events and incidents.



3 months



Intermediate



Practice Labs | Interactive Activities |
Quizzes | Final Exam

COMPTIA SECURITY+

INTERNATIONAL QUALIFICATIONS



SKILLS THAT YOU MASTER AND VALIDATE WITH COMPTIA NETWORK+



ATTACKS, THREATS AND VULNERABILITIES

Focusing on more threats, attacks and vulnerabilities on the internet from newer custom devices that must be mitigated, such as IoT and embedded devices, newer DDoS attacks and social engineering, attacks based on current events



OPERATIONS AND INCIDENT RESPONSE

Covering organisational security assessment and incident response procedures, such as basic threat detection, risk mitigation techniques, security controls and basic digital forensics.



ARCHITECTURE AND DESIGN

Includes coverage of enterprise environments and reliance on the cloud, which is growing quickly as organisations transition to hybrid networks.



IMPLEMENTATION

Expanded to focus on administering identity access management, PKI, basic cryptography, wireless, and end-to-end security.



GOVERNANCE, RISK AND COMPLIANCE

Expanded to support organisational risk management and compliance to regulations, such as PCI-DSS, SOX, HIPAA, FISMA, NIST, and CCPA.



INFORMATION TECHNOLOGY: SYSTEMS SUPPORT: National Certificate



FULL QUALIFICATIONS

Qualification ID: 48573

NQF level: 5

The purpose of this qualification is to develop learners with the requisite competencies against the skills profile for the systems support career path, the overarching aim being to develop a broader base of skilled ICT professionals to underpin economic growth).

The programme comprises nine learning units:

Pre requisite Learning Unit: Client Support: Technical and Networking

LU1: Personal Development

LU2: Microsoft Windows Server 2012: Installation and Configuration

LU3: Microsoft Windows Server 2012 R2: Administration

LU4: Microsoft Windows Server 2012: Configuring Advanced Services

LU5: Desktop Infrastructure Implementation

LU6: Desktop Applications Environment Implementation

LU7: Enterprise Development

LU8: Workplace experience (logbook)

Duration: 12 months

Lecture times: Monday – Friday from
10:00 AM – 2:00 PM (online and in person)

Assessment format: Online submission
(only)

Final Summative Assessment

Duration: Submit at the end of each
Learning Unit

- Number of questions: Varies
- Style of questions: Multiple Choice and Written
- Pass mark: Competency
- No negative marking
- The exam result is a combination of formative and final assessment scores leading to “competency” or “no competency”.

PYTHON PROGRAMMING



INTERNATIONAL QUALIFICATIONS

Learn Python, the versatile programming language

How great would it be to write your own computer programme? Python is a multi-paradigm programming language used by start-ups and tech giants like Google, Facebook, Netflix, and more. With intuitive, readable syntax, Python is a great first programming language to learn.

Programming skills open you up to careers in almost any industry and are required if you want to continue to more advanced and higher paying software development and engineering roles.

This course is a great place to start learning Python – no prior programming knowledge required. Completing the course earns you a Statement of Achievement. It is split into two parts preparing you for two certifications:

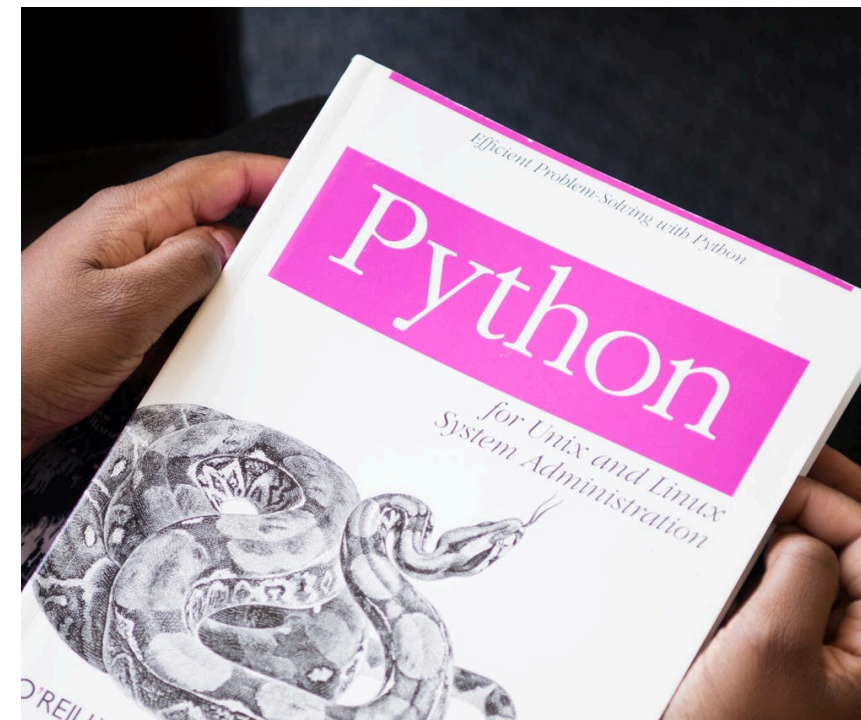
Part 1 (PE1: 35 hours) prepares you for PCEP – Certified Entry-Level Python Programmer Certification.
Part 2 (PE2: 40 hours) prepares you for PCAP – Certified Associate in Python Programming Certification.

You'll learn these core skills:

Think algorithmically – how to analyse a problem and translate it for a computer to process
 Design, develop, and improve multi-module computer programmes
 Analyse and model real-life problems in Object-Oriented Programming categories
 Understand a programmer's work in the software development process
 Learn how a programme is executed in a computer environment
 Gain skills to create and develop your own programming portfolio

Technical

- Database developer (NQF 6)
- CompTIA PenTest +
- AWS Foundations
- AWS CI Cloud Practitioner
- AWS Security Engineer
- Fortinet NSE 1-4
- Imperva Database Security
- Microsoft Platform Security



2 months



Intermediate



8 Modules | Practice Labs | Module Tests | Module Quizzes | Summary Tests | Final Exam

YEAR 2

CISCO CCNA DEVNET ASSOCIATE



INTERNATIONAL QUALIFICATIONS

Exam code: DEVASC 200-901

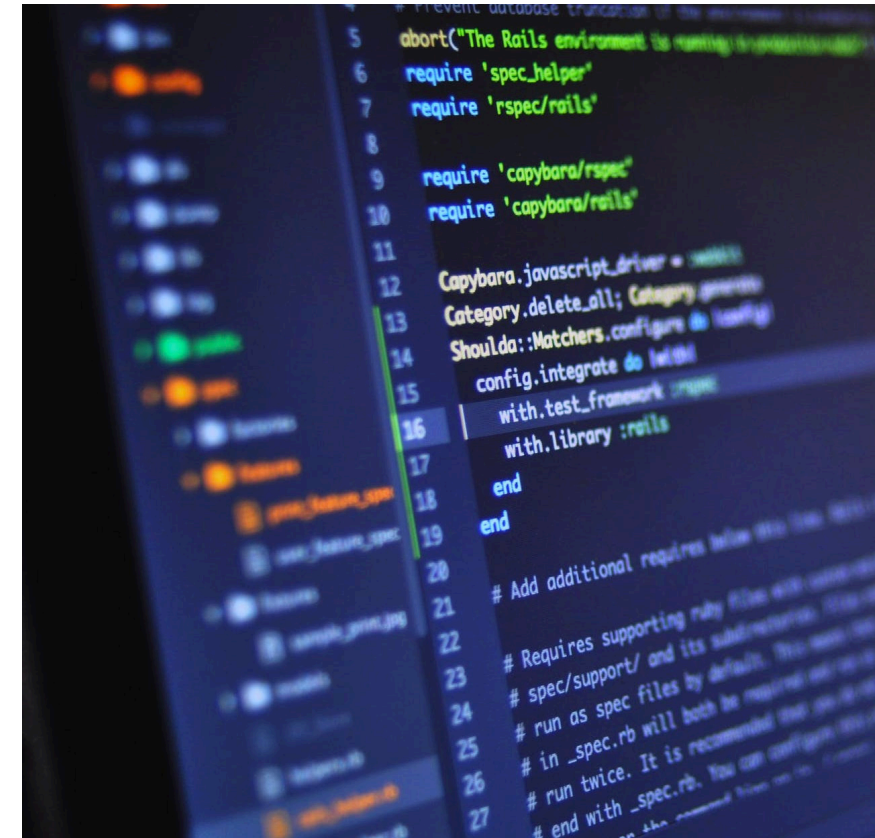
Software Skills That Transform IT Infrastructure

Embark on your journey to DevNet Associate certification. Develop software skills needed to become a vital part of today's IT teams. You'll learn the best of modern software development, DevOps and how to securely interact with Application Programming Interfaces (APIs) to automate existing manual processes with only a few lines of code.

Prior knowledge of PCAP: Programming Essentials in Python and CCNA: Introduction to Networks (ITN) or equivalent knowledge is recommended.

You'll Learn These Core Skills:

- Practice software development skills, including Python, GIT, and common data formats (XML, JSON, and YAML).
- Become familiar with infrastructure automation using code, DevOps methodology and microservices.
- Deploy applications as containers and use Continuous Integration/Continuous Deployment (CI/ CD) pipelines.
- Develop critical thinking and problem-solving skills using Cisco Packet Tracer and virtual machines.



2 months



Intermediate



Coursework | 8 Modules | Practice Labs | Cisco Packet Tracer | 1 Practice Certification Exam | Final Exam

YEAR 2

CISCO CCNA CYBEROPS ASSOCIATE



INTERNATIONAL QUALIFICATIONS

Exam code: 200-201 CBROPS

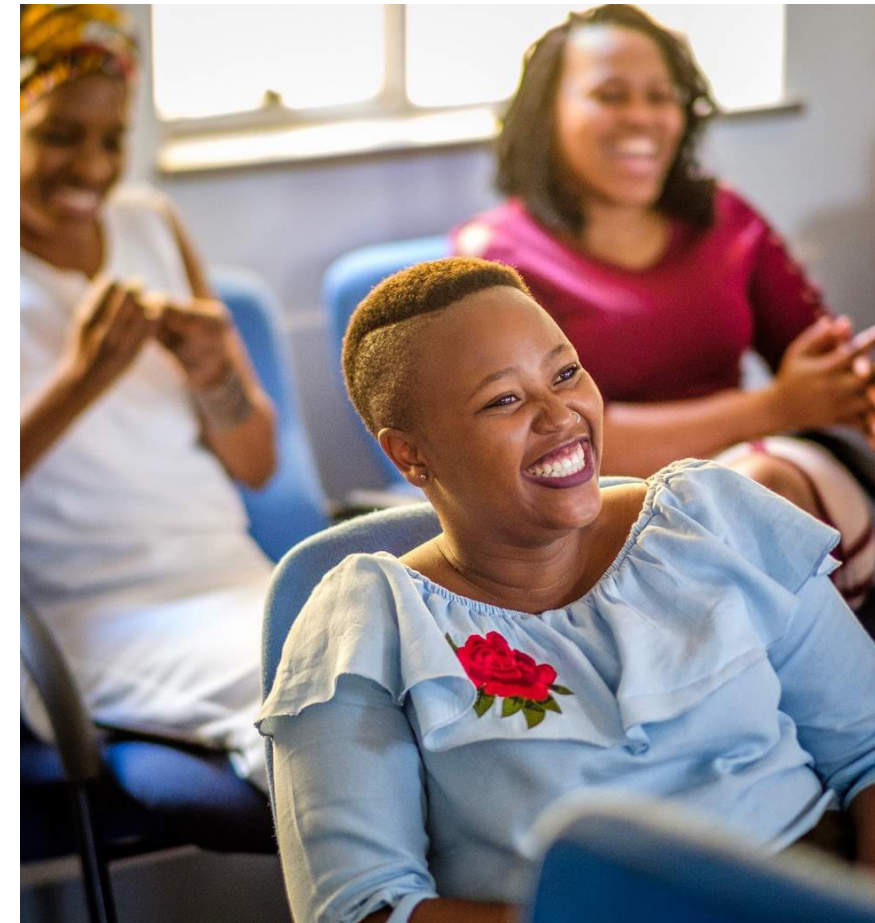
Will You Answer the Call to Protect Networks?

Uncovering cybercrime, cyber espionage and other networking threats are just some of the exciting cybersecurity jobs spanning across every industry. Learn the skills to join this fast-growing field and take advantage of the opportunities found in security operation centres. Feel confident that you are helping make the world a safer place by pursuing a role in this field.

In this course you will learn security concepts, security monitoring, host-based analysis, network intrusion analysis, and security policies and procedures. This course also aligns with the National Initiative for Cybersecurity Education (NICE) Cybersecurity Workforce Framework to support consistent communication language for cybersecurity education, training, and workforce development.

You'll Learn These Core Skills:

- Deepen knowledge in how best to detect and respond to security incidents.
- Gain job-ready, practical skills in cybersecurity operations.
- Develop critical thinking and problem-solving skills using real equipment and Cisco Packet Tracer.
- Prepare for Cisco Certified CyberOps Associate Certification.



3 months



Intermediate



Coursework | 28 Chapters | Interactive Activities | Cisco Packet Tracer Activities | Practice Labs | 1 Practice Certificate Exam

DATABASE DEVELOPMENT:

Certificate: Information Technology



Qualification ID: 71850

NQF level: 6

The primary purpose of the qualification is to provide qualifying learners with advanced skills and knowledge required to undertake advanced tasks and procedures in office technology. In addition, this will significantly enhance the learner's prospects of gaining employment by providing a solid grounding in advanced computer skills required in today's business environment.

The Core Component of the Qualification offers the learner advanced knowledge and skills in the Database development field. Learners working towards this Qualification will find that the acquisition of competence in the outcomes, which make up the Qualification, will add value to their jobs.

This Qualification is intended to enhance the provision of service within the field of Database development within all businesses and non-commercial sectors.

The Qualification ensures progression of learning, enabling the learner to meet standards of service excellence required within the IT field of learning, through building day-to-day IT skills as well as general operational competencies. It will provide the broad knowledge, skills and values needed in the IT field for all business and non-commercial sectors and will facilitate access to, and mobility and progression within, education and training.

Duration: 12 months

Lecture times: Monday – Friday from
10:00 am - 2:00 pm (online and in person)

Assessment format: TBC

COMPTIA PENTEST +

INTERNATIONAL QUALIFICATIONS



Exam code: PT0-001

CompTIA PenTest+ is for cybersecurity professionals tasked with penetration testing and vulnerability management.

Why is it different?

CompTIA PenTest+ is the only penetration testing exam taken at a Pearson VUE testing centre with both hands-on, performance-based questions and multiple choice, to ensure each candidate possesses the skills, knowledge and ability to perform tasks on systems. PenTest+ exam also includes management skills used to plan, scope and manage weaknesses, not just exploit them.

PenTest+ is unique because our certification requires a candidate to demonstrate the hands-on ability and knowledge to test devices in new environments such as the cloud and mobile, in addition to traditional desktops and servers.

About the exam:

CompTIA PenTest+ assesses the most up-to-date penetration testing, and vulnerability assessment and management skills necessary to determine the resilience of the network against attacks. Successful candidates will have the intermediate skills required to customise assessment frameworks to effectively collaborate on and report findings.

Candidates will also have the best practices to communicate recommended strategies to improve the overall state of IT security.



3 months



Advanced



Coursework | Interactive Activities |
Practice Labs | Certificate Exam

COMPTIA PENTEST +

INTERNATIONAL QUALIFICATIONS



SKILLS THAT YOU MASTER AND VALIDATE WITH COMPTIA PENTEST +



PLANNING AND SCOPING

Explain the importance of planning and key aspects of compliance - based assessments.



PENETRATION TESTING TOOLS

Conduct information gathering exercises with various tools and analyse output and basic scripts (limited to: Bash, Python, Ruby, PowerShell)



INFORMATION GATHERING AND VULNERABILITY IDENTIFICATION

Gather information to prepare for exploitation then perform a vulnerability scan and analyse results.



REPORTING AND COMMUNICATION

Utilise report writing and handling best practices explaining recommended mitigation strategies for discovered vulnerabilities.



ATTACKS AND EXPLOITS

Exploit network, wireless, application, and RF based vulnerabilities, summarise physical security attacks, and perform post-exploitation techniques.

AWS CLOUD PRACTITIONER



INTERNATIONAL QUALIFICATIONS

Exam code: CLF-C01

The AWS Certified Cloud Practitioner examination is intended for individuals who have the knowledge and skills necessary to effectively demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles addressed by other AWS Certifications. The exam can be taken at a testing centre or from the comfort and convenience of a home or office location as an online proctored exam.

Becoming an AWS Certified Cloud Practitioner is a recommended, optional step toward achieving an Associate-level or Speciality certification.

Abilities Validated by the Certification

Define what the AWS Cloud is and the basic global infrastructure

Describe basic AWS Cloud architectural principles

Describe the AWS Cloud value proposition

Describe key services on the AWS platform and their common use cases (for example, computer and analytics)

Describe basic security and compliance aspects of the AWS platform and the shared security model

Define the billing, account management and pricing models

Identify sources of documentation or technical assistance (for example, white papers or support tickets)

Describe basic/core characteristics of deploying and operating in the AWS Cloud



2 months



Foundation



Coursework | Interactive Activities |
Practice Labs | Certificate Exam

AWS CLOUD ARCHITECT



INTERNATIONAL QUALIFICATIONS

Exam code: SAA-C02

AWS Academy Cloud Architecting covers the fundamentals of building IT infrastructure on AWS. The course is designed to teach solutions architects how to optimize their use of the AWS Cloud by understanding AWS services and how they fit into cloud-based solutions. Although architectural solutions can differ depending on the industry, type of application, and size of the business, this course emphasizes best practices for the AWS Cloud that apply to all of them. It also recommends various design patterns to help you think through the process of architecting optimal IT solutions on AWS. Throughout the course, students will explore case studies that showcase how some AWS customers have designed their infrastructures and the strategies and services that they have implemented. Finally, this course provides opportunities for students to build a variety of infrastructures through a guided, hands-on approach.

Upon completion of this course, students will be able to:

Describe how cloud adoption transforms the way IT systems work

Describe the benefits of cloud computing with Amazon Web Services

Discuss how to design systems that are secure, reliable, high-performing, and cost efficient

Describe principles to consider when migrating or designing new applications for the cloud

Identify the design patterns and architectural options applied in a variety of use cases

Define high availability, fault tolerance, and scalability
Identify sources of documentation or technical assistance (for example, white papers or support tickets)

Describe basic/core characteristics of deploying and operating in the AWS Cloud



2 months



Intermediate



Courseware | Interactive Activities |
Practice labs | Certification Exam

YEAR 3

AWS SECURITY ENGINEER



INTERNATIONAL QUALIFICATIONS

Exam code: SCS-C01

This course demonstrates how to efficiently use AWS security services to stay secure in the AWS Cloud. The course focuses on the security practices that AWS recommends for enhancing the security of your data and systems in the cloud. It highlights the security features of AWS key services including compute, storage, networking, and database services. You will also learn how to leverage AWS services and tools for automation, continuous monitoring and logging, and responding to security incidents.

In this course, you will:

- Identify security benefits and responsibilities of using the AWS Cloud
- Build secure application infrastructures
- Protect applications and data from common security threats
- Perform and automate security checks
- Configure authentication and permissions for applications and resources
- Monitor AWS resources and respond to incidents
- Capture and process logs
- Create and configure automated and repeatable deployments with tools such as AMIs and AWS CloudFormation



2 months



Specialty



Courseware | Interactive Activities |
Practice labs | Certification Exam

YEAR 3

FORTINET NSE 1 – 4



INTERNATIONAL QUALIFICATIONS

Exam code: NSE 1, NSE 2, NSE 4

NSE 1

Information Security Awareness is the entry level course in the Fortinet Network Security Expert (NSE) program. This course outlines today's cyberthreats and advises how you can secure your information. This course also provides the foundation for the NSE 2 level, where you learn about Fortinet solutions. Fortinet Sales and Pre-Sales associates, and Fortinet Partner Sales and Pre-Sales associates are required to complete this course before progressing to the next level of the program.

NSE 2

The Network Security Professional designation recognizes your ability to install and manage the day-to-day configuration, monitoring, and operation of a FortiGate device to support specific corporate network security policies.

NSE 4

The Network Security Professional designation recognizes your ability to install and manage the day-to-day configuration, monitoring, and operation of a FortiGate device to support specific corporate network security policies.



4 months



Specialty



Courseware | Interactive Activities
| Practice labs | Certification Exam

IMPERVA DATA SECURITY



INTERNATIONAL QUALIFICATIONS

Exam code: NSE 1, NSE 2, NSE 4

Administering Imperva Security Infrastructure

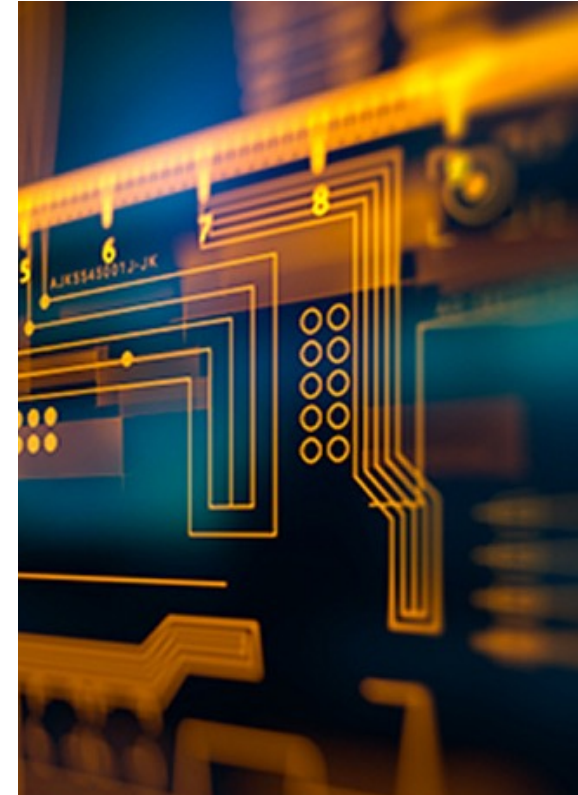
Learn:

- How to install and maintain SecureSphere system components including the Management Server, Gateway, and Agents
- How to ensure connectivity among SecureSphere components and commonly integrated network devices
- How to perform initial SecureSphere administration and configuration tasks that align with an organisation's architecture and specific requirements or follow Imperva best practices
- Common cross functional tasks such as object creation, policy creation, basic rule understanding, system alert interpretation, and report generation
- Advanced techniques to externalize the information collected by all major SecureSphere product lines

Data Security and Compliance

Learn:

- How to initially configure SecureSphere for a Database Security deployment
- How to run DB Data Classification Scans to find sensitive data
- How to implement Database Security Policies and Database Auditing
- How to configure DB Profiling
- How to analyze Database Violations and Alerts
- How to perform best practice tuning tasks
- How to configure Active Blocking
- How to configure Assessment Scans and manage risk scores
- How to configure Database User Rights Management Scan and analyze the results



4 months



Specialty



Courseware | Interactive Activities |
Practice labs | Certification Exam

YEAR 3

MICROSOFT PLATFORM SECURITY



INTERNATIONAL QUALIFICATIONS

Microsoft Azure Fundamental – AZ 900

Microsoft 365 Certified: Security Administrator Associate - MS 500

Microsoft Certified: Identity and Access Administrator Associate -SC 300

Microsoft 365 Identity and Services - MS 100



4 months



Specialty



Courseware | Interactive Activities |
Practice labs | Certification Exam

MAXIMUM BEE POINTS EXPERT ADVICE



MII and the Financial Markets Academy can assist your company with unique tailored solutions crucial to getting and maintaining a top B-BBEE level:

- Learnerships
- Internships
- Enterprise and Supplier Development
- Socio-Economic Development
- YES programme

WE HAVE THE SOLUTION

Cybersecurity Academy

The Financial Markets Academy provides fully managed learnership, internship and YES programmes where we can select and host the learners for you.

Cybersecurity

Maharishi Invincibility Institute has unique B-BBEE solutions that will improve your scorecard while growing South Africa's future financial markets professionals.

CORE STAFF

Management and Administration

Marcus Karuppan

(General Manager)

Kholofelo Selaelo

(ICT Academy Administrator)

Delivery team

Thapelo Meso

(Project lead: Data Analytics)

Kableo Makoeng

(Project lead: Security)

Zoleka Kibito

(Project lead: Cloud)

Zizo Sihlahla

(Project lead: Coding)

Thabo Lebina

(Project lead: Technical Support)



APPLICATIONS AND FURTHER INFORMATION



FOR APPLICATION FORMS AND LECTURE TIMETABLES, CONTACT:

JOHANNESBURG

Cybersecurity Academy
9 Ntemi Piliso Street, Johannesburg,
South Africa, 2041
Tel: 011 492 0005
Fax: 011 492 0005
Email: nsekhokoane@maharishinstitute.org



CAPE TOWN

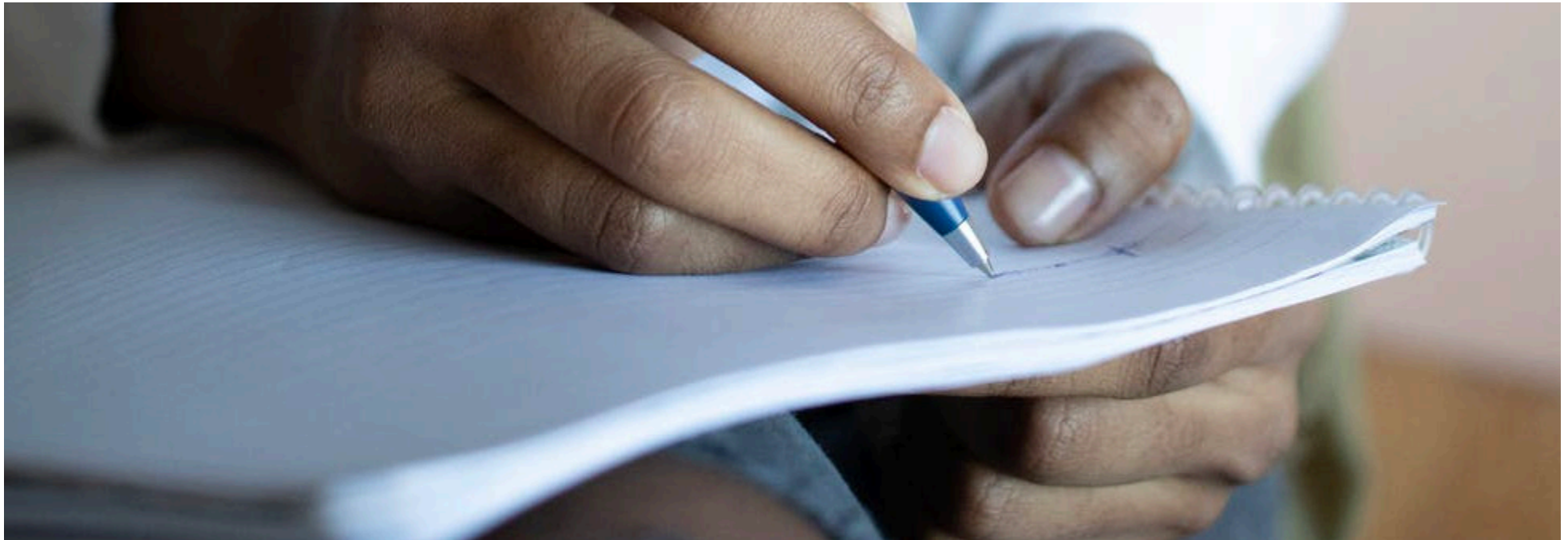
Chantel Klinck
Cybersecurity Academy Cape Town
31 Lower Long St, Roggebaai, Cape Town,
South Africa, 8001
Cell: 072-901-2162
Email: cklinck@maharishinstitute.org

ADMISSION REQUIREMENTS

Year 1 only

To enrol in this CyberSecurity specialisation with the Maharishi Invincibility Institute, the minimum admission requirements are as follows:

- Applicants must be South African citizens
- Applicants must have passed Grade 12 or have completed an NQF level 4 qualification or equivalent
- Applicants must have acquired at least 50% in English
- Applicants must be unemployed
- Applicants must be between 18 and 34 years old
- Applicants must be willing to commit for 12 months
- Applicants must preferably live in the region where the application is being processed
- All Applicants will be expected to go through an assessment process.
- Applicants must not have been involved in any MICT learnership



YOUR OPPORTUNITY FOR A BRIGHT CYBERSECURITY FUTURE



OBJECTIVES/GOALS OF THE CYBERSECURITY ACADEMY

- To create a centre of excellence for training in the Cybersecurity field.
- To provide access to world-class Cybersecurity training and industry professional examinations that will be well recognised by industry for employment purposes.
- To develop well-rounded, refined and groomed graduates with business sense and leadership skills for the Cybersecurity field.
- Provide work-related cybersecurity and digital skills experience through partner organisations.

**WE SEE THE
FUTURE AND IT
IS HUMAN**



MAHARISHI

INVINCIBILITY INSTITUTE

YOU WERE BORN TO BE GREAT

The Maharishi Invincibility Institute ("MII") is a breakthrough in the provision of holistic, affordable, high quality University-level and professionalised industry education for talented young Africans. MII utilises the approach of Consciousness-Based Education – a system of education becoming globally-renowned and extensively scientifically studied for developing the brain, creativity, IQ and ability to focus and concentrate, thereby improving academic results.

Students registered with MII gain a four-year internationally recognised BA degree in Business Administration through the Maharishi International University (MIU), USA (MIU's MBA Degree was ranked by onlinecolleges.net as the third best online MBA in the USA in 2016). The BA degree is recognised by SAQA (South African Qualifications Authority) and all universities in South Africa for post-graduate study. The Financial Services Conduct Authority (FSCA) in South Africa has vetted, approved and authorised this four-year Degree as a fitting base for a career in the financial markets.

The Maharishi Invincibility Institute offers full tuition, textbooks, course notes and professional examination fees to all eligible students as part of the bursary package. The package provided to qualifying students includes a one-year bridging programme to allow access to a far wider pool of students that otherwise would never be able to attend any higher educational institution. Enrolled students are also provided with opportunities to access recognised South African NQF certificate courses and exposure to work-integrated learning while studying, allowing them to gain some professional work experience and enhance post-graduation job skills.

Other Professional Academies or vertical streams are offered in a growing number of areas of specialisation by the Maharishi Invincibility Institute.

Corporate partners looking to develop youth for their industry, needing to achieve Skills Development targets, or run learnerships for unemployed persons would be most welcome to discuss partnership opportunities within the Cybersecurity academy or other business fields of specialisation.



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CYBER SECURITY ACADEMY

Become a Cybersecurity
Professional and choose
a secure career

