



CYBER ACADEMY PROSPECTUS 2022

CYBER SECURITY HANDS-ON PRACTITIONER

FOUNDATIONAL HANDS-ON TRAINING



[KORDIA.CO.NZ/CYBERACADEMY](https://kordia.co.nz/cyberacademy)

kordia[®]

WELCOME

HAERE MAI | AFIO MAI | ARIKIRI | TALITALI FIEFIA | HAELE MAI | BULA VINAKA TERVETULOA | WELKOM | SELEMAT DETANG SALAAM | BEM-VINDOS | MALIGAYANG PAGDATING CHAO MUNG | BIENVENIDOS

RAISING NEW ZEALAND'S CYBER SECURITY BASELINE

Congratulations on considering a career in cyber security – a field that not only promises rewarding opportunities but also presents the chance to make a big difference to our country's cyber resilience. Cyber threats and attacks are increasing in both frequency and sophistication, and the demand for cyber security professionals is by far outpacing supply.

The landscape in which businesses operate is increasingly complex. As organisations are rapidly moving their operations online, along with a rise in remote working, the attack surface available to cybercriminals is only increasing. Not only that, geo-political events and disruptions are creating global spikes in activity, which New Zealand is not immune to. This is supported by our latest research, which found around 1/3 of New Zealand businesses suffered a cyber-attack in the past 12 months.¹

Cyber security professionals are in high demand – not just in New Zealand, but across the world. In fact, the number of unfilled cyber security jobs worldwide grew 350% between 2013 and 2021, from 1 million to 3.5 million.²

Whilst tertiary qualifications and professional certifications are hugely important in the personal and professional development of any individual, a lack of real-world practical experience is often a barrier to get your foot in the door.

This is where we come in, with specialist training that provides hands-on practical experience. Our previous cohort of the Kordia Cyber Academy (KCA) in 2021 saw graduates find full-time employment after graduation, turning the skills they learned into a career. This year, we've refined our programme further, providing the perfect blend of industry experience and hands-on learning, to ensure you're ready to hit the ground running in your first cyber security role.

Kordia established the Cyber Academy to play our role in the community, developing the very best local security talent in the fight against cyber threats. So, if you're someone who is motivated to unleash your learning and growth potential and want to make a real impact in raising New Zealand's cyber security baseline, you've come to the right place.

Join us and create your future.

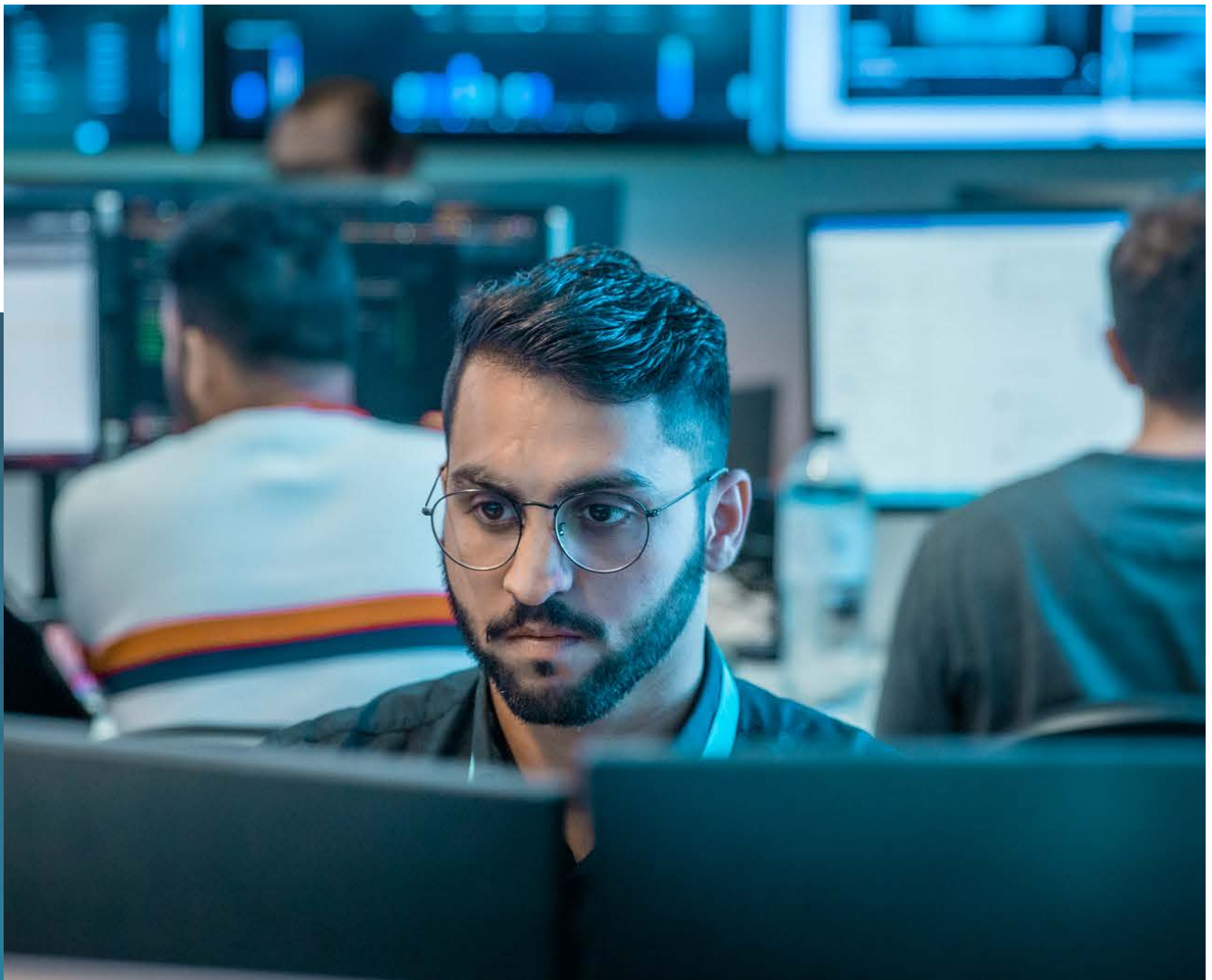


Shaun

SHAUN RENDELL
CEO, KORDIA GROUP

1. Aura Cyber Security Market Research 2021 / 2. Cybersecurity Jobs Report: 3.5 Million Openings Through 2025 [einpresswire.com]





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I CAME INTO THE CYBER ACADEMY WANTING TO EXPAND MY KNOWLEDGE OUTSIDE OF MY DIPLOMA. GAINING KNOWLEDGE ON HOW A CYBER DEFENCE OPERATIONS ENVIRONMENT WORKS AND ALL THE TOOLS AND TECHNOLOGIES THAT ARE INVOLVED WAS A REAL HIGHLIGHT.

**JAY | KCA GRADUATE
SECURITY ANALYST, KORDIA**



WHY CYBER ACADEMY?

CYBER ACADEMY IS KNOWN FOR ITS RELEVANCE AND QUALITY OF ITS GRADUATES



PRACTICAL AND RELEVANT CURRICULUM

Cyber Academy's training is created based on the skill set demanded by employers, as opposed to more theoretical tertiary-defined criteria. Our courses are thorough, timely and most importantly, relevant.



REAL-WORLD TRAINING, DELIVERED BY EXPERTS

We enable students to work alongside real-world professionals, a Cyber Defence Operations team and offensive security team of experts who respond to and prevent actual cyber security incidents on a daily basis. This grounding and relevancy gives students unrivalled skills that will help them get ahead faster.



POTENTIAL JOB PLACEMENTS

Cyber Academy has strong relationships with a number of organisations in which our students either complete placements, internships or gain employment. This pathway from study to employment is a win-win for students and organisations alike.



ALIGNED WITH LEADING TECHNOLOGY PARTNERS

Students work with a number of leading security technologies so they're ready to face real-world situations using real-world tools. Learning areas include identifying vulnerabilities, investigating, configuring and deploying solutions as well as testing and restoring.



COURSE

WHAT YOU WILL LEARN

DO YOU..

Have a keen interest in cyber security? Are you able to demonstrate a passion for IT? Have you completed or are you a current student of computer science/IT, cyber security or developer coding? Or are you a keen gamer? Then we want to hear from you. You will be assessed on your soft skills, aptitude to learn, acumen and foundational IT knowledge.

PROGRAMME STRUCTURE

This course is designed to build proficiency and experience across all major cyber security domains and technologies.

The course is structured as 18 hours, three days a week in-lab and possible industry placement on Thursdays and/or Fridays. The course will be conducted face-to-face in central Auckland. This provides students and employers with the opportunity to commence engagement, assisting with the transition of the student to the working world. It also provides the student insight into the corporate environment and the employer benefits from practical hands-on cyber security training.

Kordia Cyber Academy is offering places to this course as part of its social enterprise with scholarships that cover full tuition. [The value of the course is \$3,600].

ASSESSMENT CRITERIA

The assessment criteria are based upon a combination of online, written and verbal assessments with the following weightings:

- Online assessment: 37.5%
- Student report writing: 40%
- Verbal reasoning: 22.5%

65% is the minimum pass mark for the course.

THE TRAINING PROVIDES STUDENTS WITH REAL WORLD APPLICATION OF:

- ▶ Asset discovery, classification and labelling
- ▶ Patch management
- ▶ Continuous vulnerability management
- ▶ Network segmentation and systems isolation
- ▶ Applications discovery and whitelisting
- ▶ Credentials management and monitoring
- ▶ Privileged Access Management methods
- ▶ Authentication methods and centralised logging
- ▶ Business Continuity Planning and Disaster Recovery
- ▶ Automation of processes and effective use of AI & machine learning in security operations



COURSE LEARNING OUTCOMES

FAMILIARISATION

Fundamental understanding of the lab layout

FRAMEWORKS

Gain awareness of the framework(s) required to build out a cyber security program

LAB HACK

Understand and learn the standard flow of penetration into a network and the impacts of poor operational processes and controls within an environment

PROTECT

- Understand the practical application of policy enforcement
- Understand the fundamentals of cloud security
- Perform real-world application
- Gain centralised visibility of internal processes within running systems
- Utilise tools and techniques to reduce the exposure of systems that cannot be patched
- Gain hands-on experience with upgrading, patching systems and mitigating system vulnerabilities
- Learn change control processes and procedures
- Data encryption
- Gain hands-on experience with endpoint and DNS security solutions
- Obtain knowledge of perimeter security
- Learn the importance of backups to protect data with hands-on experience using a backup solution

CYBER DEFENCE OPERATIONS WORK

- To be able to build the fundamental operational CDO environment

LAB HACK

- Organisational cyber security policy is established and communicated
- Real-world application of risk frameworks
- The fundamentals of ISO27001, NIST-CSF and CIS controls
- Vulnerabilities, whilst learning how to manage software and hardware assets
- Gain knowledge of current hacking methodologies

DETECT

- To understand policy enforcement breach detection methodologies
- To learn how to detect alerts in various security solutions
- Analysing events similar to a Cyber Defence Operations (CDO) environment

RESPOND

- To be able to respond to policy breaches or security incidents
- To gain an understanding of incidence response processes

RECOVER

- To understand the fundamentals of disaster recovery and business continuity
- To perform practical application of restoring data

PROTECT / DETECT / RESPOND TEAMWORK

- To perform hands-on implementation of security controls
- To learn to identify, detect and respond to unwanted or malicious security activity
- To gain hands-on experience with reporting on security findings and security posture

PEN TESTING

- To gain knowledge of current hacking methodologies
- To be able to test and exploit infrastructure/ applications



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YOU CAN GO ONLINE AND GO THROUGH TUTORIALS AND TEACH YOURSELF, BUT I DON'T THINK YOU'LL FIND ANYWHERE ELSE THAT WILL HAVE THIS KIND OF LAB OR CLASSROOM ENVIRONMENT. WE HAVE EXPERIENCED TRAINERS AND HACKERS TEACHING US REAL-WORLD APPLICATION.

**DIVYA | KCA GRADUATE
VULNERABILITY MANAGEMENT SPECIALIST, KORDIA**



HOW TO APPLY WITH US



STEP 1: REGISTER YOUR INTEREST

Complete the online application form on our website kordia.co.nz/cyberacademy. You will be asked to include a copy of your CV.

Closing date for applications is Friday 30th September 2022 at 5pm.



STEP 2: COME IN FOR AN INTERVIEW

Shortlisted candidates will be invited for an interview, which will be conducted by one of our specialists either in person or online in order to ensure students are the right fit for the training programme.



STEP 3: OFFER OF PLACE

If your application is accepted, you will receive an offer of place with further details on the course and timings. The course is planned to start on 1 November 2022.



STEP 4: ACCEPTANCE

To accept the offer of place, sign and return your offer letter for confirmed enrolment.





YOUR FUTURE AWAITS

**NEW ZEALAND NEEDS YOU.
CHECK OUT THESE CERT 2022 QUARTER TWO STATS:**



**\$3.9 MILLION
IN DIRECT FINANCIAL LOSSES**
REPORTED IN Q2. UP 5% FROM
QUARTER 1 2022.



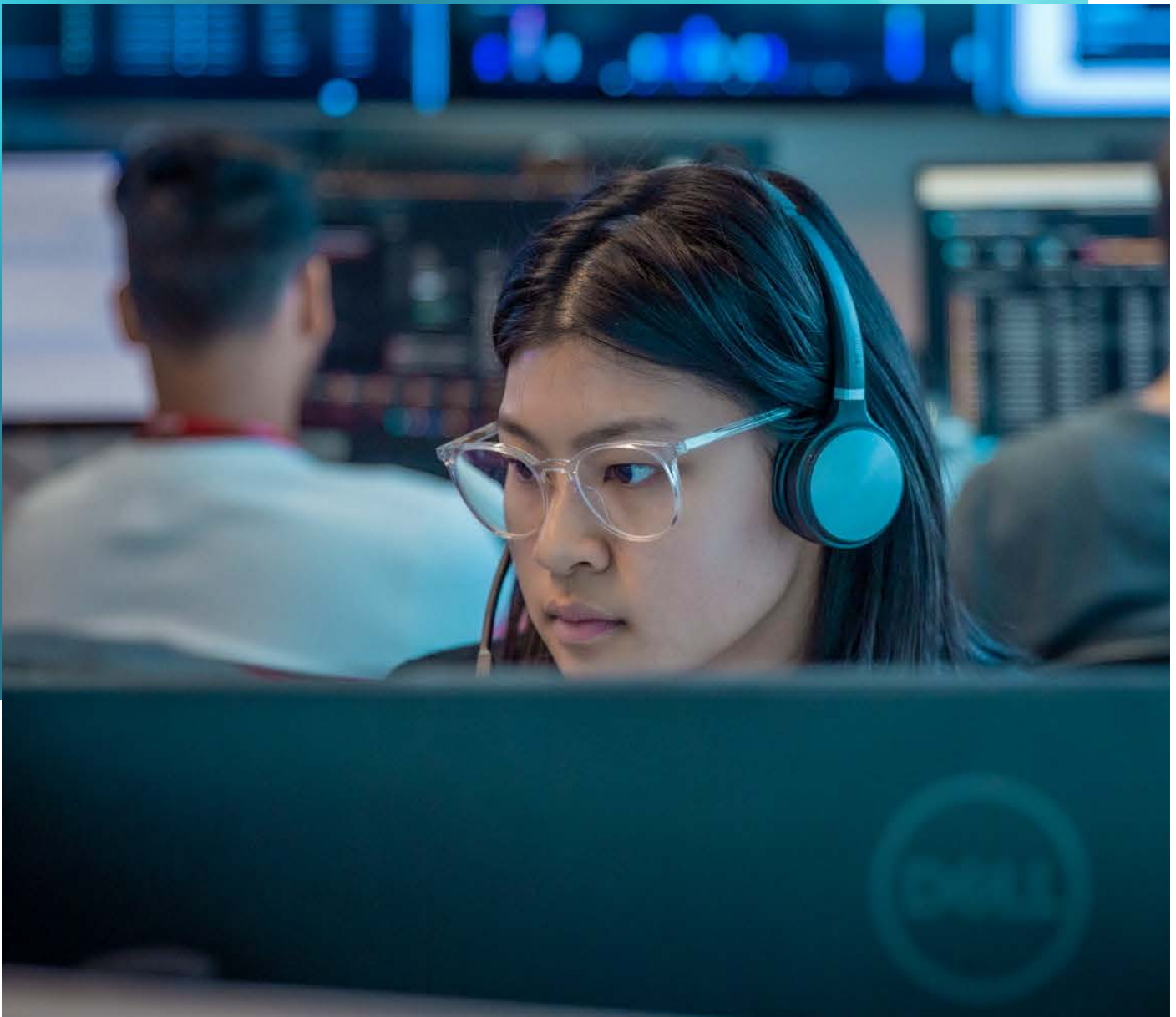
**2,001
CYBER INCIDENTS**
WERE RESPONDED TO BY CERT
NZ IN Q2 2022.



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YOU LEARN SOMETHING NEW EVERY DAY, AND MEET SKILLED AND LIKE-MINDED PEOPLE. I REALLY ENJOY THE ASPECT OF PROTECTING BUSINESSES FROM CYBER-ATTACKS, AND BEING ABLE TO WORK WITH A RANGE OF TOOLS IS WHAT SETS KORDIA APART FROM THE REST.

**SUMEDHA | KCA GRADUATE
SECURITY ANALYST, KORDIA**





CREATE YOUR FUTURE

If there was ever a time to enter the cyber security field, now is that time.

[APPLY NOW](#)

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FOR QUESTIONS PLEASE CONTACT

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Or email applications@kordia.co.nz