

Course Outline

The 6-month full-time programme is designed to prepare our trainees to be successful cybersecurity specialist with technical input and mentoring by industry professionals.

We provide our learners with front-line experiences in learning and solving real-world issues with assigned industry SMEs. Immersing them in the front-line real-world working environment learning enables the learners to be prepared in this highly in-demand field.



Our mentors are practitioners and industry recognized professionals. They also bring in their diverse local and global industry experiences to support our learners, with the necessary advice they need to launch their careers.

Our real-world projects require our learners to apply their knowledge and hone their skills in actual real problems in organizations from our network of partners and clients. The real-world work also stretches our learners to practice their communication and engagement skills while problem-solving with organizations. Our learners will be able to build their relevant experience portfolio to showcase upon graduation.

Our global partner eco-system, with local and global employers, can help our learners to be more competitive once they have completed the programme because their experience is tailor fit with the requirements in the job market. These future employers also get to be assured that the quality of these learners is high because they know the learners already have the tools required to bring ROI to their workplace.

**Information Technology
Support**

**Vulnerability
Assessment**

**Information Security
Risk Assessment**

**Creating Policies and
Documentations**

**Data Analytics and
Reporting**

**Building a
Business Plan**

Course Modules

Information Technology Support

Learners will learn about computers, networks, applications and how to follow a set of procedures to execute tasks related to support and validate solutions provided by vendors. The learner will also learn about Security Transformation which is the new approach of operations for the new normal.

Vulnerability Assessment

This module covers the usage of vulnerability assessment tools and how to uncover the risks to organizations. The learner will be able to clearly present the findings so they can have an appreciation on the risks identified and mitigation strategies to be implemented.

Information Security Risk Assessment

Learn about security controls assessment techniques to identify weaknesses and the possible risk treatments to be applied to achieve the required levels of confidentiality, integrity, availability to the organization.

Creating Policies and Documentations

In this module, the learners will be able to learn about the emerging trends in risk management. The practitioners will coach the learners about strategic planning techniques for information security governance and align the organization's security controls against emerging threats.

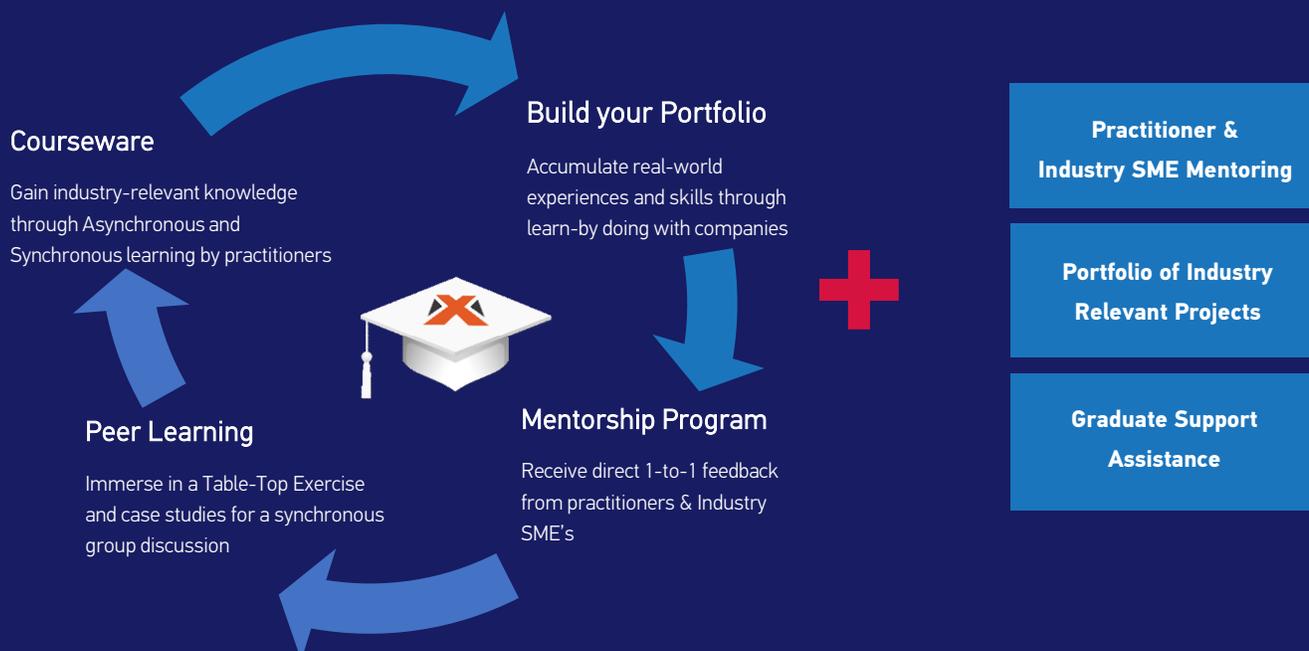
Data Analytics and Reporting

This module covers the core principle of developing basic dashboards and report scorecards. This allows the learner to understand the elements of the data and its interpretation, which they can use craft reports to management.

Building a Business Plan

The learner will learn how to manage customer accounts, develop an account management framework and customer service skills to engage, retain and grow the customer base. Learn client relationship techniques and understand the market dynamics for inside sales activities.

Our actual field experience stands out in this highly industry-relevant and workplace-centric learning for our learners. Our industry practitioners will mentor learners to create their own portfolio through doing projects with real companies via our ecosystem of partners. Our **learning approach** is experiential based with active learning, guidance, and interactions with practitioners.



Student Support & Outcomes

Industry-Focused Curriculum

Our courseware is developed by industry practitioners with years of experience in the front lines, direct input from academic professors who are experts in cybersecurity and information technology plus local curriculum content coaches. Our mission is to deliver industry relevant learning experiences and mentoring, equip our learners with the tools and skills to develop work related portfolio and actual work experience from companies which they can articulate to their potential hiring managers and showcase they are fit for the workplace.

Industry Networking

Our ecosystem of practitioners and industry subject matter experts will provide mentoring and advise based on their expertise. Hear new insights from world leading experts to have great ideas you can leverage while doing your portfolio. We have alliances with local companies and headhunters to collaborate and co-create with your learner peers and customers in a way that builds networking and achieve real outcomes.

Real-World Projects Portfolio

Our Skills Development Lab is portfolio programme which allows our learners to work with real companies and potential hiring partners on projects that provide learners with the portfolio they need in their job search. This project-based, hands-on learning approach also gives learners an opportunity to learn essential soft skills, such as how to communicate with clients and the skills they will need in their career for any client-facing role. This approach allows the learners to be immersed in a real-world environment preparing them to be culture fit for the workplace.

Graduate Career Support

Our learner support assistance helps prepare the learners to integrate with the workforce and set them up for success. We provide soft skills development combined with the technical portfolio from projects with our global partners. We develop partner relationships with local employers as well as the SME community to combine our job match services and events which allows learners to talk to potential hiring managers and head-hunters.

Course Application Details:

- Intakes:** 24 January to 22 July 22
21 March to 16 September 22
- Time:** 15 hours per week
- Venue:** NTU Virtual Learning Environment
- Course Fee:** S\$500 nett fee payable (applicable to Singaporeans and Singapore PRs only)
(\$19,260 full course fee after GST)



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