Module Synopsis
Diploma in Border & Security Management

MC 1:	Modular Certificate in Psychology & Security Risk	(203 hours)
1.	**BA8113: Psychology in Work Behaviour & Counselling**	**(60 hours)**
	Introduces participants to work psychology in an organisation and theories and practical applications of basic counselling skills in both organisational and business contexts. Areas covered include the impact of work motivation and satisfaction, learning styles and vocational choices of employees. This enables participants to act as facilitators in employee development. Elements of Emotional Intelligence (EI) are also infused into the module to enhance the EQ of the participants.	
2.	**PA1016: Quality Assurance & Audits**	**(60 hours)**
	This module gives participants the knowledge and skillset to manage security audits. At the end of the module, participants can analyse the rationales behind the conduct of audits, define the audit objectives, identify some of the constraints impacting audits and identifying the interests of regulatory bodies. Able to conduct audits accurately to cover all physical characteristics, environmental factors, and existing security arrangements of premises, identify and assess security and other risks against audit objectives accurately and document audit objectives, outcome, and recommendations.	
3.	**PA1017: Security Risk Analysis**	**(60 hours)**
	At the end of the module, participants can determine the cause-and effect relationships between security problems and risk. Having the knowledge and abilities to identify and assess potential risk affecting client security and support by developing structured action plans clearly defining the key roles and responsibilities associated with the implementation of security risk management plans. Participants are also capable to select the risk control measure in line with the organisational practices.	
4.	**PA1019: Fundamentals of the Personal Data Protection Act**	**(23 hours)**
	This module aims to equip participants who are handling personal data with a broad understanding of the Personal Data Protection Act (PDPA) and how they may implement data protection policies and processes for their organisations.	

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MC 2:	Modular Certificate in Cybersecurity & Emerging Technology	(120 hours)
1.	**IT8410: Data Visualisation with Tableau**	**(30 hours)**
	This module aims to equip participants with the skills to easily create useful and interactive visualisations and dashboards for presentation and recommendations to stakeholders. They will learn how to achieve this using Tableau software.	
2.	**IT8411: Introduction to Blockchain Technology**	**(15 hours)**
	This module allows participants to gain a better understanding of blockchain and encryption technology available in the industry. Throughout the learning, used cases will be used for discussion relate to the concept taught in the classroom. Participants will also be able to create their own crypto currency wallet ad complete a transaction upon completion of the module.	
3.	**IT8412: Fundamentals of IoT Security**	**(45 hours)**
	This module gives participants an understanding on the typical process of penetration testing and some area of weakness in IoT system. Participants will be equipped with the knowledge on basic networking concepts and how to perform simple IoT vulnerability test using open-source tools such as Metasploit.	
4.	**IT8408: Workplace Information Security I**	**(15 hours)**
	This module provides a comprehensive introduction to information, cyber, and infocomm security. Participants will learn core security concepts like the CIA triad (confidentiality, integrity, and availability) and the five foundational security principles to enhance system defences. The course explores evolving threats, from malware to social engineering, alongside practical prevention measures such as secure file handling, user training, and device management. It also covers wired and wireless network security and introduces cryptography concepts like encryption and digital signatures to protect data.	
5.	**IT8409: Workplace Information Security II**	**(15 hours)**
	This module introduces the key concepts and frameworks that enterprises use to enhance their security posture. The Learners explore essential topics such as cybersecurity risk management, the effectiveness of security policies, and managing Bring-Your-Own-Device (BYOD) environments. Additionally, you'll dive into incident response and management processes, gaining insights into how organisations prepare for and handle security threats. By referencing widely-adopted frameworks, this module offers a well-rounded understanding of workplace information security, giving learners a broader perspective on how businesses safeguard their digital assets.	

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MC 3:	Modular Certificate in Innovation & Team Dynamics	(180 hours)
1.	**BA8081: Innovation Management**	**(45 hours)**
	Participants will be able to develop innovation initiatives and strategies in business functions such as evaluate performance of business functions to identify opportunities for innovation and improvement, creating opportunities to maximise innovation within business functions and support and guide employees to contribute to the implementation of organisational innovation strategies making recommendations of innovation initiatives to relevant stakeholders for implementation.	
2.	**BA8082: Performance Management**	**(45 hours)**
	Participants will be able to review personnel's performance by monitoring staff performance through organisational appraisal systems and solicit periodic feedback on staff performance by documenting all performance evaluations carried out for staff. Carry out informal reviews of staff performance regularly to establish areas for improvement for staff.	
3.	**BA8083: Teamwork & Conflict Resolution Management**	**(45 hours)**
	This module covers the development of robust conflict management systems and processes within the organisation with the knowledge and abilities to analyse legislative requirements and guidelines and compliance requirements appropriate to the organisation's context and document all interactions and agreements to ensure follow-through and commitment by all parties involved. Individual will present improvement recommendation proposals to stakeholders to work with involved parties to investigate validity and credibility of claims, prepare, and support others to develop possible responses or solutions based on the review of information.	
4.	**BA8084: EQ & Empathy**	**(45 hours)**
	This module prepares participants with the many theories and hands-on practice of emotional intelligence competencies. This includes building and improving self-awareness, management, and direction through the practice of emotional intelligence elements and practicing the infusion into frontline applications.	

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MC 4:	Modular Certificate in Data Analytics & Stakeholder Relations	(195 hours)
1.	**MS8521: Essential Statistics**	**(60 hours)**

This module provides participants with an introduction to elementary probability concepts and basic statistical principles and methods that lay the foundation to applying these principles in practice. In addition, it lays the foundation to understand and learn the statistical procedures and methods in the subsequent modules.

The topics covered include descriptive statistics, probability and the normal probability distribution, sampling techniques and sampling distribution of the mean, estimation of the population mean, hypothesis testing on the population mean and simple linear regression.

2.	**MS8522: Practical Data Mining with KNIME**	**(60 hours)**

This module equips participants with the skills in data mining techniques which are commonly used in industry. The coverage specifically discusses data preparation and visualisation, validation methods, decision trees and nearest neighbour algorithms, naïve bayes model and logistic regression.

3.	**LC1001: Stakeholder Management**	**(45 hours)**

This module enables the development of relationships that create trust and partnership to drive ongoing engagement with stakeholders. Participants will be more confident to facilitate networking opportunities to build relationships and develop plans for early engagement to allow time for buy-in and consultation with stakeholders.

4.	**LC1003: Empathetic Communication & Effective Reporting for Team Synergy**	**(30 hours)**

This module covers interpersonal, reporting writing and effective communication skills to manage and engage more effectively through active listening and empathetic speaking at the workplace, enhance audience-centric communication through effective interpersonal communication. Participants will be able to identify the different types of communication barriers and overcome them.

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MC 5:	Modular Certificate in Border Security Management	(180 hours)

1.	PA1012:	Legislations Concerning Border Control	(45 hours)

This module covers the relevant legislations concerning border control in Singapore and the empowerment of its immigration officers. Topics regarding the Immigration Act will include the various categories of residents and transient visitors and how their stay is governed within the country, the powers accorded to the Controller of Immigration, as well as the checks and balances in place. Topics regarding the Customs Act will include the concept of customs areas and its relevance to immigration officers in terms of power to conduct checks at the borders. The Criminal Procedure Code will then be examined on how it accords immigration officers with the necessary legal powers to perform their duties.

2.	PA1020:	Border Security Management	(45 hours)

This module covers the emergence of the concept of border security. It introduces border control policies adopted by a country in fighting against unauthorised travel and trade across its borders, safeguarding against illegal immigration, combating transnational crime, and preventing the wanted criminal from travelling. It will also elaborate on the role of international organisations in promoting standards and recommended procedures related to travel documents and border control measures. The module will also take a closer look at how the use of technology can enhance border security. Lastly, there will be an examination of the various border security measures adopted in Singapore.

3.	PA1014:	Security Methods of Border Control	(45 hours)

Participants will examine the different security and control methods and measures countries had put in place to prevent unauthorised entry into their borders. This will include the use of travel documents such as passports and visas, along with the use of document examination techniques to authenticate such documents, construction of physical walls patrolled by enforcement officers, to the use of proactive patrol and radar surveillance to prevent an unauthorised crossing at borders. The topic will also look at the “layered” screening and profiling measures employed at checkpoints to maintain security but still facilitate regular travel.

4.	PA1015:	Security Profiling of Travellers	(45 hours)

Participants will be introduced to the concept of criminal profiling and learn about the various profiling techniques involving the observations of body language, behavioural patterns etc. The module will also touch upon the use of data analytics and technologies such as facial recognition to identify illegal travellers or smugglers. The effectiveness and ethical issues of profiling will also be examined.