

## PROGRAMME STRUCTURE

### Strength of Programme

In addition to complying with the requirements of the Standard of Computing Program established by the Malaysian Qualifications Agency (MQA), this programme is also aligned with the roadmap outlined by the National Information Technology Council of Malaysia (NITC Malaysia) chaired by The Honourable Prime Minister of Malaysia, Dato' Seri Mohd Najib Tun Abdul Razak. Specifically, the programme curriculum can contribute to the Cyber Security Roadmap. The importance of ensuring the national information security is translated into the National Cyber Security Policy (NCSP), which is formulated based on the National Cyber Security Framework aims to address risks against Critical National Information Infrastructure (CNII).

The structure of this programme also offers advantages to graduates by providing courses that are equivalent to professional level courses, including:

Course Code	Course Name	Equivalent Professional Certificate
SSK5207	Cyber Law and Ethics	CISSP, C EH, E CSS
SSK5500	Security in Computing	CISSP, C EH, E CSS
SSK5501	Information Security Management	CISSP, E CSS
SSK5502	Penetration Testing	CISSP, C EH, E CSS
SSK5504	Software Security	CISSP, E CSS
SSK5505	Internet and Cloud Computing Security	CISSP, E NSA, E CSS
SSK5508	Computer Forensics and Investigation	CISSP, E CSS
SSK5507	Cryptography and Security Protocol	CISSP, E CES, E CSS
SSK5517	Advanced Cryptography	E CES, E CSS
SSK5527	Cryptanalysis	E CES
SSK5510	Steganography	E CSS
SSK5514	Intrusion Detection System	E CSS

CISSP: *Certified Information Systems Security Professional*

C|EH: *Certified Ethical Hacker*

E|CSS: *EC-Council Certified Security Specialist*

E|NSA: *EC-Council Network Security Administrator*

E|CES: *EC-Council Certified Encryption Specialist*

Through the above courses, graduates/students are equipped with the necessary knowledge and skills in accordance with said professional certificates, which should give added value to graduates.