NUS-ISS NICF COURSES: CYBERSECURITY

Implement information, cloud and software security to protect your organisation from cybersecurity threats.

- NICF - AISP Qualified Information Security Professional Course
- NICF - (ISC)² CCSP CBK Training Seminar
- NICF - (ISC)² CISSP CBK Training Seminar
- NICF - (ISC)² CSSLP CBK Training Seminar
- NICF - Cybersecurity for ICT Professionals
- NICF - Cybersecurity Risk Awareness
- NICF - Design Secure Mobile Architecture
- NICF - Managing Cybersecurity Risk
- NICF - Secure Software Development Lifecycle for Agile

Designed for:
- Information Security Professionals & Managers
- Systems/Network Engineers
- Systems Analysts
- Systems Architects
- Software Developers
- Development Managers

www.iss.nus.edu.sg
"Singapore aspires to be a Smart Nation. But to be a Smart Nation, we must also be a safe, cyber nation... We must get cybersecurity right, to capture the benefits of a more connected world."

Prime Minister Lee Hsien Loong

Today, the digital economy has increased the opportunities for cyber exploitation including hacktivism, cyber-ransomware and other related incidents that may bring down the entire operation of an organisation.

In our current digitally disrupted era, cybersecurity has now become more critical and the stakes are much higher. Daily cyber-attack occurrences demonstrate the risks posed by cyber-threats – from individual, opportunistic hackers, to professional and organised cyber criminals with strategies to systematically steal intellectual property, disrupt businesses and even threaten our safety. Cybersecurity is everyone’s responsibility – no exception. Do you have the skills in this profession or require more in-depth knowledge in the Cybersecurity arena?

The Institute of Systems Science, NUS (NUS-ISS), together with our partners, offers a suite of courses to equip you with the knowledge, skills, and ability to audit, assess, and secure cloud infrastructures;

- Undertake information security risk assessments of networks and systems and incremental risk management options
- Craft appropriate information security policies to address security risks
- Manage operations and maintenance risks
- Provide advice, from the information security perspective, on compliance with Singapore’s laws and regulations

NUS-ISS works closely with Infocomm Media Development Authority of Singapore (IMDA), SkillsFuture Singapore Agency (SSG) and Cyber Security Agency of Singapore (CSA) to align our Cybersecurity training curriculum to the National Infocomm Competency Framework (NICF). The combination of lectures, class exercises and certification exams will help to reinforce the attendees’ knowledge of information security best practices and concepts.

NUS-ISS Cybersecurity Training Roadmap

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Key Takeaways</th>
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</thead>
<tbody>
<tr>
<td>NCF - AISP Qualified Information Security Professional Course</td>
<td>Empowers you with broad information security knowledge, including an understanding of Singapore’s insurmountable laws and regulations.</td>
</tr>
<tr>
<td>NCF - DCISF CCB Training Seminar</td>
<td>Provides you with the knowledge, skills, and ability to audit, assess, and secure cloud infrastructures.</td>
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<td>NCF - DCISF CCB Training Seminar</td>
<td>Equips you with the knowledge, skills, and ability to audit, assess, and secure cloud infrastructures.</td>
</tr>
<tr>
<td>NCF - DCISF CBB Training Seminar</td>
<td>Master concepts and topics related to all aspects of information systems security in the 6 DCISF CBB domains.</td>
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<tr>
<td>NCF - DCISF CBB Training Seminar</td>
<td>Learn the tools and processes on security that should be built into each phase of the software lifecycle.</td>
</tr>
<tr>
<td>NCF - Cybersecurity for ICT Professionals</td>
<td>Equips you with cybersecurity knowledge so you can incorporate cybersecurity into your work.</td>
</tr>
<tr>
<td>NCF Cybersecurity Risk Awareness</td>
<td>A source of threats posed by cyber attacks on your organization, businesses, and the safety of your customers, partners, and staff.</td>
</tr>
<tr>
<td>NCF Design Secure Mobile Architecture</td>
<td>Provides a technical review of the top security risks and controls to the iOS and Android mobile platforms, mobile app development and integration that every IT professional needs to know.</td>
</tr>
<tr>
<td>NCF Managing Cybersecurity Risk</td>
<td>Provides you with an in-depth knowledge of cyber-threats and mitigation, and a holistic view on critical activities and disturbed outcomes for handling cyber-attacks.</td>
</tr>
<tr>
<td>NCF Secure Software Development Lifecycle for Agile</td>
<td>Learn how to incorporate Security-by-Design practices in the agile software development process.</td>
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</table>

Corporate Clients
Some of the clients we have worked with include:
- Cybersecurity Agency of Singapore
- Government Technology Agency of Singapore
- GovTech
- CertiCisco Smart Solutions Pte Ltd.
- MQ Spectrum Pte Ltd
- PCS Security Private Limited

A collaboration with

[Image -9x-7 to 1198x852]
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- MQ Spectrum Pte Ltd
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<table>
<thead>
<tr>
<th>Foundation</th>
<th>Intermediate</th>
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<tbody>
<tr>
<td>NCF – AISP Qualified Information Security Professional Course (5 days + 29 e-hours)</td>
<td>NCF – (ISC)² CESP CBK Training Seminar (5 days)</td>
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<tr>
<td>ASIP Qualified Information Security Professional (QISP) Exam (3 hours)</td>
<td>Certified Information Systems Security Professional (CISSP) Exam (8 hours)</td>
</tr>
<tr>
<td>NCF – (ISC)² CESP CBK Training Seminar (5 days)</td>
<td>NCF – (ISC)² CESP CBK Training Seminar (5 days)</td>
</tr>
<tr>
<td>NCF – Cybersecurity for ICT Professionals (3 days)</td>
<td>Certified Secure Software Lifecycle Professional (CSSLP) Exam (6 hours)</td>
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<tr>
<td>NCF – Managing Cybersecurity Risk (3 days)</td>
<td>Certified Cloud Security Professional (CSP) Exam (6 hours)</td>
</tr>
<tr>
<td>NCF – Cybersecurity Risk Awareness (1 day)</td>
<td>AISP – AISP Qualified Information Security Professional Course</td>
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<tr>
<td>NCF – Secure Software Development (Lifecyle for Agile) (2 days)</td>
<td>NCF – Design Secure Mobile Architecture (2 days)</td>
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The above courses are aligned to the National Infocomm Competency Framework (NCF) and accredited by SSG, (ISPFA). 30% Funding of this course is available to eligible Singaporeans (Singapore Citizens and Permanent Residents). 20% Funding of this course is available to eligible Singaporeans (Singapore Citizens and Permanent Residents). 10% Funding of this course is available to eligible Singaporeans (Singapore Citizens and Permanent Residents).
"Instructors are experienced and shared practical examples which helped connect theory to application. They were enthusiastic in their respective domains and gave energy to technical lessons. The interactions during tea and lunch breaks provided opportunities for networking and building relationships."

Tang Yang Yong, Civil Servant, Cyber Security Agency of Singapore
(ISC)² CSSLP CBK Training Seminar, Class of Mar 2017

"Comprehensive course content and the instructors are familiar with the topics."

Maurice Yu, Senior IT Manager, Raffles Institution
(ISC)² CSSLP CBK Training Seminar, Class of Nov 2016

"Very good course content demonstrated with examples. The instructors are great."

Mohammed Arif Pasha, Vice President, Credit Suisse
(ISC)² CSSLP CBK Training Seminar, Class of Feb 2017

"Good workshop practices to enforce learning ideas and concepts, and good supplementary information from e-learning site and book."

Phyllis Lum
(AISP Qualified Information Security Professional Course, Class of Jan 2017)

NUS-ISS – Your Choice Executive Education Partner

With over 35 years of experience in education, consulting and research, the Institute of Systems Science (ISS) at the National University of Singapore (NUS) offers a suite of high quality learning courses across various practices and expert areas. Executive education at NUS-ISS are mentored and delivered by industry professionals with successful track records and an average of more than 20 years of industry experience.

The institute is accredited by leading international and local certification bodies to deliver programmes that lead to recognised certifications and qualifications. It also conducts research, organises management and technology update seminars, and provides consulting services to the industry. Its objectives are to develop Infocomm and digital business leaders, and to drive organisational innovation and business transformation. NUS-ISS has achieved ISO 29990:2010 certification, and is the first CET (Continuing Education and Training Centre) centre in Singapore certified for its full suite of executive education courses.

To date, over 111,000 infocomm and business professionals, 5,800 corporate customers and 5,100 post-graduate alumni members have benefitted from the institute’s competitive services.

Courses are conducted in NUS-ISS facilities within the NUS campus. And we are also able to conduct our courses at your organisation. The same NICF funding applies. Email isstraining@nus.edu.sg to find out more today.

NUS-ISS Executive Education Programmes

- Agile
- Analytics & Intelligent Systems
- Business Analysis
- CyberSecurity
- Digital Innovation & Design
- Digital Leadership
- IT Planning, Governance & Enterprise Architecture
- IT Service Management
- Product & Project Management
- Software Engineering & Design
- Startup & SME