SCHOOL OF
INFOCOMM TECHNOLOGY

› COMMON ICT PROGRAMME
› CYBERSECURITY & DIGITAL FORENSICS
› FINANCIAL INFORMATICS
› IMMERSIVE MEDIA
› INFORMATION TECHNOLOGY
TAKING IT HIGHER

School of INFOCOMM TECHNOLOGY

6  Cybersecurity & Digital Forensics (N94)

9  Information Technology (N54)

13 Financial Informatics (N81)

17 Immersive Media (N55)  REVAMPED

20 Common ICT Programme (N98)
Create the next big mobile app. Battle Internet fraud. Discover insights using Data Science. Build a FinTech startup. Develop UX/UI solutions. For all the hottest jobs of the future, take your first step at the School of InfoComm Technology (ICT).
With Singapore on track to becoming a smart nation, you are poised for flourishing industries that will welcome your talent. This means there will also be more room for your aspirations to bloom. Here at ICT, we offer four diplomas and one Common ICT Programme, teamed with various electives and areas of interest, to equip you for your chosen field!

**4 DIPLOMAS**

**+1 COMMON ICT PROGRAMME**

Diploma in Cybersecurity & Digital Forensics (N94)
This diploma offers you the essential knowledge and training in the exciting and rapidly evolving field of cybersecurity:
- Get trained in secure software development and forensics
- Attend masterclasses by Information Security professionals
- Intern with leading IT security organisations

Diploma in Information Technology (N54)
One diploma, five areas of interest. Pick modules from one or more of these areas that match your career aspirations:
- Data Science & Analytics
- Cloud Computing
- Enterprise Solutioning & Marketing
- Games Programming
- Solutions Architect

Diploma in Financial Informatics (N81)
A diploma that gives you a strong foundation in information technology and reinforced with exciting modules from three areas to meet the needs of the FinTech ecosystem, namely:
- Banking & Finance
- Data Science & Analytics
- Enterprise Solutioning & Marketing

Diploma in Immersive Media* (N55) *REVAMPED*
This is a practice-based diploma that provides a strong focus on immersive media as well as user experience and user interface (UX/UI). You can choose to broaden your skills with a wide variety of electives offered by the School.

*Previously known as Immersive Media & Game Design

Common ICT Programme (N98)
In your first semester, you will take common foundational modules that expose you to the world of infocomm technology. In your second semester, you will get to choose any of our four diplomas:
- Cybersecurity & Digital Forensics
- Financial Informatics
- Immersive Media
- Information Technology
INTERNSHIPS

REAL-WORLD LEARNING

MASTERCLASSES
SMART LEARNING SPACES

Experience life at a Smart Campus that houses a cluster of smart learning spaces. Prepare yourself for a technology-enabled learning journey that exposes you to the Internet of Things and facilities for cybersecurity, analytics, user experience design and agile development. You will embrace a culture of innovation and a new mindset that sees failure as part of the learning process. You will work with industry partners to provide next-generation innovative solutions to real-world problems through your capstone projects.

TECHNOPRENEURSHIP PROGRAMME

Make the entrepreneurial leap and start your own IT venture. ICT alumnus Terrence Goh (right) co-founded Yosei Labs with Jasper Yap (left) from NP’s School of Engineering when they were final-year students. In 2018, their start-up, which specialised in web design and search engine optimisation, merged with Eezee.sg, an online marketplace where businesses can buy and sell items such as electrical and hardware supplies. They also recently secured a grant from Enterprise Singapore to help SMEs digitalise their product catalogues.

INDUSTRY PARTNERSHIPS

Cultivate your passion and talent in FinTech through participation in industry-led workshops, hackathons and technology festivals. Leading companies and organisations have hosted tours and conducted activities to help students gain real-world experience and a better understanding of the impact of innovation, especially in the area of FinTech.
“Many utilise programming as a mere tool for solving problems. But I view it as a form of art. Coding is not just about making things work but about designing a sophisticated system; a system that is efficient, flexible, and maintainable.”

JOE KAWAI
INFORMATION TECHNOLOGY GRADUATE, CLASS OF 2019
Joe was the gold medallist for his cohort. He was responsible for the introduction of AI elements to the school’s flagship competition, StriTwise®, as well as the development of an app that supports the school’s outreach activities. He also participated in the 2018 WorldSkills Singapore competition (IT Software Solutions for Business category) and was awarded the Medallion for Excellence.

“The knowledge and skills I have learnt in my course prepared me to pursue my further studies in Communications and New Media in NUS. It also provided a strong foundation in my career as a designer and programmer.”

CHRYSTABELLE LOH
MULTIMEDIA & ANIMATION* GRADUATE, CLASS OF 2018
Chrystabelle was the gold medallist of her cohort. She represented Singapore in the 2016 Adobe Certified Associate World Championship in Florida, USA, where she came in fourth.

*now renamed the Diploma in Immersive Media

“ICT groomed my passion in cybersecurity, and provided many opportunities for me to hone my skills. Listening to my lecturers share about their industry experiences has also broadened my perspectives.”

TEO JIA RONG
INFORMATION SECURITY & FORENSICS* GRADUATE, CLASS OF 2018
Jia Rong was the gold medallist of his cohort. He hopes to pursue a career in cyber defence in the future. Jia Rong, who has also attained the COMPTIA Security+ certification, will be pursuing a Bachelor of Computing in Information Security at NUS.

“I hope to harness the possibilities that information technology has to offer and help shape the future. Being in this field has opened up endless opportunities for me.”

ALYSSA NAH
FINANCIAL INFORMATICS GRADUATE, CLASS OF 2019
Alyssa was an iPrep Scholar and a recipient of the Ngee Ann Scholarship. During her internship with Ezidox in Sydney, she configured the company’s web portals and assisted in the launch of Verimoto, a project in vehicle refinancing. She will be pursuing a Bachelor of Computing in Information Systems at NUS.
DIPLOMA IN CYBERSECURITY & DIGITAL FORENSICS

- Get the most comprehensive training & curriculum in cyber defence, penetration testing, and digital forensics
- Go for exciting internships with the Cyber Security Agency of Singapore, Palo Alto Networks, KPMG, PwC, Ernst & Young, and Ensign InfoSecurity
- Attend masterclasses by information security professionals
- Perform penetration tests and work on projects in our cutting-edge CSF labs
- Attain highly sought-after CompTIA and EC-Council certifications such as Security+, and Certified Ethical Hacker

Get latest updates on course
WHAT THE COURSE IS ABOUT
As Singapore transforms itself into a Smart Nation, information security will be even more critical to protect our financial institutions. Join the fight against cybercrime with our Diploma in Cybersecurity & Digital Forensics (CSF).

In your first year, you will build a strong foundation in basic IT and security through modules such as Programming, Cyber Security Fundamentals, Databases, Cryptography and Operating Systems & Networking Fundamentals.

In your second year, you will develop skills in the areas of network security, software security and digital forensics. You will learn to set up secure web servers, develop secure software applications and investigate cybercrimes. You will also learn how to secure codes and processes that go into developing applications, so that they are protected from external threats right from the start. This is called the Security Development Lifecycle, and is a highly valued skill in the industry.

In your final year, you will put your skills into practice by performing penetration tests on software, systems and networks, conducting in-depth forensic investigations on digital devices and networks, and analysing malicious software or malware. You will get to do all these as well as work on information security projects in cutting-edge CSF labs.

What’s more, you will attend masterclasses by information security professionals, and hone your skills in the real world with internships at the Ministry of Home Affairs and leading IT security organisations, such as Centre for Strategic Infocomm Technologies, Palo Alto Networks, SecureAge, Microsoft, NCS, CrimsonLogic, KPMG, PwC, Ernst & Young, Cyber Security Agency of Singapore and Ensign InfoSecurity. You can also attain the highly sought-after CompTIA Security+ professional certification.

WHAT YOU WILL LEARN

YEAR 1
- Cryptography
- Cyber Security Fundamentals
- Design Principles
- Enterprise Information Systems
- Computing Mathematics
- Programming I & II
- Front-End Development
- Databases
- Operating Systems & Networking Fundamentals
- Fundamentals for IT Professionals I*
- Health & Wellness*
- Innovation Made Possible*
- Communication Essentials*
- English Language Express**

YEAR 2
- Digital Forensics
- Malware Analysis Tools and Techniques
- Networking Infrastructure
- Server & Cloud Security
- Secure Software Development
- Web Application Pen-Testing
- Any two elective modules
- Fundamentals for IT Professionals II*
- World Issues: A Singapore Perspective*

YEAR 3
- Ethical Hacking
- Network Security
- Capstone Project or any two elective modules
- Fundamentals for IT Professionals III*
- Internship#
- Project ID: Connecting the Dots$

ELECTIVE MODULES
- Governance & Data Protection
- Mobile Device Security & Forensics
- Network Forensics
- Deep Learning
- Machine Learning
- Developing Cloud Applications
- Mobile Applications Development
- Data Structures & Algorithms

* Interdisciplinary Studies (IS) modules account for up to 13 credit units of the diploma curriculum. They include modules in communication, innovation and world issues, as well as an interdisciplinary project. By bringing students from diverse diplomas together, the interdisciplinary project fosters collaboration to explore and propose solutions for real-world problems. IS aims to develop students to be agile and self-directed learners, ready for the future workplace.

** For selected students only.

* Career and Professional Preparation I & II is part of the Fundamentals for IT Professionals modules.

* You will get to work on an industry-driven project, a technopreneurship-enterprise project, or an IT-related project with a local or overseas organisation.
/ ENTRY REQUIREMENTS /

AGGREGATE TYPE ELR2B2-C

To be eligible for consideration, candidates must have the following GCE ‘O’ Level examination (or equivalent) results.

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You must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-C Aggregate Type listed at [www.np.edu.sg/admissions/Documents/ELR2B2.pdf](http://www.np.edu.sg/admissions/Documents/ELR2B2.pdf)

For students with other qualifications, please refer to the NP website for the entry requirements and admissions exercise period.

Candidates with severe vision deficiency should not apply for the course.

/ FURTHER STUDIES /

You can receive advanced standing when you apply for related degree programmes at universities both locally and abroad. These include:

- National University of Singapore
- Nanyang Technological University
- Singapore Institute of Technology
- Singapore Management University
- Singapore University of Technology and Design
- University of New South Wales (Australia)
- Johns Hopkins University (USA)
- Monash University (Australia)

You can also look forward to pursuing Cyber Security related specialist diploma courses at local polytechnics.

COMPETING ON THE GLOBAL STAGE

ICT’s Diploma in Information Security & Forensics* students Ravern Koh and Devesh Logendran (third & fourth from right) participated in the 2019 WorldSkills Competition. They won the Bronze medal after an intensive four-day event, where they showcased their skills in areas such as infrastructure setup and security hardening, cybersecurity incident response, digital forensic investigations and application security.

*Now renamed the Diploma in Cybersecurity & Digital Forensics
N54 DIPLOMA IN INFORMATION TECHNOLOGY

- “Learn by Doing” Experiential Learning pedagogy
- Self-directed approach to acquiring real-world skills that meet industry needs
- Exciting internships with industry leaders like Microsoft and IBM
- Opportunities to develop IT business ideas and apps at ICT technology hubs
- Freedom to build your portfolio from five areas of interest
WHAT THE COURSE IS ABOUT

Develop innovative IT solutions that increase business competitiveness and enhance the quality of life, or even start your very own e-business, with a Diploma in Information Technology (IT).

In your first year, you will focus on core computing skills in programming, networking, databases and enterprise information systems. You will also be given the opportunity to investigate IT-related topics and develop your digital portfolio.

In your second and third year, you are free to choose from a myriad of electives that suit your interests and passion.

In your final year, you will round off your learning journey with a six-month local or overseas internship with organisations such as KPMG, IBM, Singtel and Microsoft, or launch your own IT business ideas at our technology hubs. You can also work on a capstone project which will beef up your digital portfolio and impress your future employer!

Depending on your passion, you may choose electives from the following areas of interest:

Data Science & Analytics
Acquire knowledge and skills in business intelligence, quantitative analysis, data visualisation and machine learning to help companies gain a competitive edge.

Cloud Computing
Learn about cloud architecture and technologies, design cloud databases, develop cloud applications, and understand data centre management.

Enterprise Solutioning & Marketing
Develop business strategies and offerings for the service economy, develop sales and marketing strategies, and improve an organisation’s competitive edge.

Games Programming
Create computer games by applying knowledge and skills related to programming, physics and artificial intelligence.

Solutions Architect
Design and implement computer solutions using algorithms and data structures to solve business problems efficiently and cost-effectively.

“After my six-month internship at KPMG’s Forensic Technology department, I was motivated to take my skills to a higher level and became a SANS/GIAC certified Windows Security Administrator. It was a significant milestone for me because I proved that I could do anything if I put my mind to it.”

JOSEPHINE TANADI, IT GRADUATE, CLASS OF 2017
Josephine Tanadi was the gold medallist of her cohort. She was also the recipient of the Microsoft Gold Medal & Prize, Motorola Prize and Palo Alto Networks Prize. She is pursuing a Bachelor of Computing in Information Security at NUS.
WHAT YOU WILL LEARN

YEAR 1
- Computing Mathematics
- Cyber Security Fundamentals
- Databases
- Design Principles
- Enterprise Information Systems
- Fundamentals for IT Professionals I*
- Interactive Development
- Operating Systems & Networking Fundamentals
- Programming I & II
- Health & Wellness*
- Innovation Made Possible*
- Communication Essentials*
- English Language Express**

YEAR 2
- Solutions Design & Development
- Fundamentals for IT Professionals II & III*
- Object-oriented Analysis & Design
- Portfolio Development
- Spreadsheet Engineering
- Web Application Development
- Any four elective modules
- World Issues: A Singapore Perspective*

YEAR 3
- Capstone Project or any two elective modules
- Any two elective modules
- Internship#
- Project ID: Connecting the Dots**

ELECTIVE MODULES

Data Science & Analytics
- Big Data
- Data Visualization
- Deep Learning
- Descriptive Analytics
- Machine Learning
- Quantitative Analysis

Cloud Computing
- Advanced Databases
- Cloud Architecture & Technologies
- Developing Cloud Applications
- Server & Cloud Security
- Virtualisation & Data Centre Management

Enterprise Solutioning & Marketing
- Customer Decision-making & Negotiation Skills
- Customer Experience Management
- Enterprise Resource Planning
- Infocomm Sales & Marketing Strategies
- Technologies for Financial Industry

Games Programming
- Artificial Intelligence for Games
- Game Interactivity
- Game Production
- Gameplay Programming
- Mathematics for Games

Solutions Architect
- Data Structures & Algorithms
- DevOps
- E-commerce Application Development
- Mobile Applications Development I & II
- Software Engineering

General
- Emerging Trends in IT
- Digital Forensics
- Networking Infrastructure
- Technopreneurship
- User Experience

* Interdisciplinary Studies (IS) modules account for up to 13 credit units of the diploma curriculum. They include modules in communication, innovation and world issues, as well as an interdisciplinary project. By bringing students from diverse diplomas together, the interdisciplinary project fosters collaboration to explore and propose solutions for real-world problems. IS aims to develop students to be agile and self-directed learners, ready for the future workplace.

** For selected students only.

* Career and Professional Preparation I & II are part of the Fundamentals for IT Professionals modules.

* You will get to work on an industry-driven project, a technopreneurship-enterprise project, or an IT-related project with a local or overseas organisation.

To keep our curriculum current and robust, diploma modules are subject to change over the three years. Please visit our website for latest updates.
/ CAREER /
With reference to the ICT Skills Framework, you will be trained as a systems analyst, applications developer, UI/UX designer or database administrator. You may also take relevant modules that allow you to fulfil job roles as a pre-/post-sales consultant, sales executive, channel sales executive, customer experience manager, data analyst, data engineer, infrastructure executive or cloud engineer.

/ FURTHER STUDIES /
You can receive advanced standing when you apply for related degree programmes at universities both locally and abroad. These include:

- National University of Singapore
- Nanyang Technological University
- Singapore Management University
- Singapore University of Technology and Design
- Singapore Institute of Technology
- University of Newcastle (UK)
- University of Manchester (UK)
- University of Essex (UK)
- University of Kent (UK)
- University of New South Wales (Australia)
- University of Melbourne (Australia)
- University of Adelaide [Australia]
- University of Western Australia [Australia]
- University of Queensland [Australia]
- Australian National University [Australia]

/ ENTRY REQUIREMENTS /
AGGREGATE TYPE ELR2B2-C
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You must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-C Aggregate Type listed at www.np.edu.sg/admissions/Documents/ELR2B2.pdf

For students with other qualifications, please refer to the NP website for the entry requirements and admissions exercise period.

Candidates with severe vision deficiency should not apply for the course.

CONTACT US
For the most up-to-date information on NP’s Diploma in Information Technology, log on to www.np.edu.sg/it
N81 DIPLOMA IN
FINANCIAL INFORMATICS

- “Learn by Doing” Experiential Learning pedagogy
- Strong focus on IT competency to meet industry needs
- Exciting internships with industry leaders like DBS, OCBC, SAP, Salesforce and MAS, or with FinTech start-ups, accelerators and incubators
- Strong combination of core IT skills and knowledge of Data Science, Banking & Finance and Enterprise Computing
WHAT THE COURSE IS ABOUT

Get a strong foundation in IT training, reinforced with exciting modules from these three areas: Data Science, banking & finance and enterprise computing in the Diploma in Financial Informatics (Fi).

Data Science is an increasingly important tool to financial institutions as it helps them stay competitive, identify new business opportunities and detect fraud.

In banking & finance, financial technology is also a growth area. Many financial institutions are using digital technologies to make disruptive changes to their product and service offerings as they compete to meet the growing demands of clients.

Enterprise computing refers to a category of mission-critical information technology that is used by companies including financial institutions to enable core business processes. Without it, companies will not be able to function properly.

In the first year, you will build a strong foundation of IT knowledge, focusing on coding, databases, as well as information systems and networks. Accounting will also be taught as well.

In addition to these modules, you will build your own digital portfolio. Your portfolio will be useful when you apply for internship in your third year, where you will gain relevant real-world experience with leading financial institutions such as DBS, OCBC, UOB and MAS. You can also intern at FinTech start-ups, accelerators and incubators, with some of them based in London, Australia or South East Asia, as well as well-known IT companies such as SAP and Salesforce.

NG KANG TING
FI GRADUATE, CLASS OF 2019

Kang Ting was a recipient of the Digital Devices & Networking Technology Academic Award in 2017. He was also on the Director’s List in 2016 and 2017. He was an intern with Fidor in Dubai where he accumulated essential skills in digital banking for the financial industry, based on the foundation he built while studying at NP. He will be pursuing a Bachelor in Information Systems at SMU.
WHAT YOU WILL LEARN

YEAR 1
– Accounting
– Computing Mathematics
– Cyber Security Fundamentals
– Databases
– Design Principles
– Enterprise Information Systems
– Financial Ecosystem
– Fundamentals for IT Professionals I*
– Programming I & II
– Health & Wellness^*
– Innovation Made Possible^*
– Communication Essentials^*
– English Language Express**

YEAR 2
– Banking & Financial Products
– Banking Applications & Processes
– Data Visualization
– Distributed Ledger Technology
– Enterprise Resource Planning
– Fundamentals for IT Professionals II*
– Solutions Design and Development
– Spreadsheet Engineering
– Portfolio Development
– One elective module+
– World Issues: A Singapore Perspective^*

YEAR 3
– Applied Analytics
– Technologies for Financial Industry
– Any two electives* or Capstone Project
– Fundamentals for IT Professionals III*
– Internship^*
– Project ID: Connecting the Dots^*

+ Choose electives from any of these three areas:

Banking & Finance Electives
– Risk Management
– Financial Analysis & Modelling

Data Science & Analytics Electives
– Descriptive Analytics
– Quantitative Analysis
– Machine Learning
– Deep Learning
– Data Wrangling
– Big Data

Enterprise Solutioning & Marketing Electives
– Customer Experience Management
– Enterprise Business Processes
– Customer Decision Making & Negotiation Skills
– User Experience
– Technopreneurship

* Interdisciplinary Studies (IS) modules account for up to 15 credit units of the diploma curriculum. They include modules in communication, innovation and world issues, as well as an interdisciplinary project. By bringing students from diverse diplomas together, the interdisciplinary project fosters collaboration to explore and propose solutions for real-world problems. IS aims to develop students to be agile and self-directed learners, ready for the future workplace.

** For selected students only.

* Career and Professional Preparation I & II are part of the Fundamentals for IT Professionals modules.

# You will get to work on an industry-driven project, a technopreneurship-enterprise project, or an IT-related project with a local or overseas organisation.

To keep our curriculum current and robust, diploma modules are subject to change over the three years. Please visit our website for latest updates.
/ CAREER /
With your dual strengths in IT and financial knowledge, you make the ideal techno-strategist for banks, financial institutions and enterprises. With reference to both the ICT Skills Framework and Financial Services Skills Framework, you will be trained as a data analyst, systems analyst, consulting analyst, associate business analyst, account operations analyst, treasury operations analyst or Know Your Customer analyst. Through further studies, you can move on to become a data scientist, business analyst, account operations manager, treasury operations manager, customer due diligence manager, and more.

/ FURTHER STUDIES /
You can receive advanced standing when you apply for related degree programmes at universities both locally and abroad. These include:

– National University of Singapore
– Nanyang Technological University
– Singapore Institute of Technology
– Singapore Management University
– Singapore University of Technology and Design
– Australian National University [Australia]
– Monash University [Australia]
– University of Adelaide [Australia]
– University of Essex [UK]
– University of Kent [UK]
– University of Manchester [UK]
– University of Melbourne [Australia]
– University of New South Wales [Australia]
– University of Newcastle [UK]
– University of Queensland [Australia]
– University of Western Australia [Australia]

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For students with other qualifications, please refer to the NP website for the entry requirements and admissions exercise period.

Candidates with severe vision deficiency should not apply for the course.

CONTACT US
For the most up-to-date information on NP’s Diploma in Financial Informatics, log on to [www.np.edu.sg/fi](http://www.np.edu.sg/fi)
N55 DIPLOMA IN IMMERSIVE MEDIA REVAMPED

- Strong focus on designing immersive user experiences
- Get trained in sought-after areas such as user experience and user interface (UX/UI) design that open doors to exciting career pathways
- Industry-standard graduation portfolio to beef up your resume
- Broaden your skills with a wide variety of electives offered by the School
WHAT THE COURSE IS ABOUT

Augmented, virtual and mixed realities (AR/VR/MR) – these are just some technologies that enable the creation of engaging content to transport users to other worlds beyond the confines of their flat screens. Sounds exciting? Learn how to create experiences with this exciting form of media and contribute to the way we communicate, work and play in the future, through the Diploma in Immersive Media (IM)!

You will be equipped with the technical and creative skills needed for the cutting-edge field of immersive media, and learn how to bridge design and technology with user experience and user interface (UX/UI) design.

In your first year, you will receive rigorous training in design and programming through modules such as Design Principles, Applied Design and Interactive Development. In addition, you will learn gamification concepts and rules intended to produce an enjoyable game.

In your second year, you will learn to design interactive 3D experiences and user-centric digital products. You will get an introduction to the real-time environment design workflow, designing media content and applications for various platforms and dynamic applications.

In your final year, you will broaden your knowledge in designing for social media as well as games to effect change. You will work on a capstone project that will consolidate the skills you have learnt throughout the course. You will also be able to choose from a variety of electives offered by NP’s School of InfoComm Technology.

WHAT YOU WILL LEARN

YEAR 1

- 3D Fundamentals
- Applied Design
- Computing Mathematics
- Cyber Security Fundamentals
- Design Principles
- Enterprise Information Systems
- Fundamentals for IT Professionals I* 
- Gamification Concepts
- Interactive Development
- Production Management
- Programming I
- Health & Wellness*
- Innovation Made Possible*
- Communication Essentials*
- English Language Express**

YEAR 2

- 3D Environments
- 3D for Real-time
- Designing User Experience
- Developing Dynamic Applications
- Experiential Design
- Fundamentals for IT Professionals II*
- Immersive Technology Development
- Interactive 3D Experience
- Spatial Theory & Level Design
- Elective I
- World Issues: A Singapore Perspective*
YEAR 3
- 6-month Internship
- Capstone Project
- Elective 2
- Fundamentals for IT Professional III*
- Final-Year Project
- Internship#
- Technopreneurship Innovation Programme
- Project ID: Connecting the Dots*

* Interdisciplinary Studies (IS) modules account for up to 13 credit units of the diploma curriculum. They include modules in communication, innovation and world issues, as well as an interdisciplinary project. By bringing students from diverse diplomas together, the interdisciplinary project fosters collaboration to explore and propose solutions for real-world problems. IS aims to develop students to be agile and self-directed learners, ready for the future workplace.

** For selected students only.

* Career and Professional Preparation I & II are part of the Fundamentals for IT Professionals modules.

# You will get to work on an industry-driven project, a technopreneurship-enterprise project, or an IT-related project with a local or overseas organisation.

To keep our curriculum current and robust, diploma modules are subject to change over the three years. Please visit our website for latest updates.

/ FURTHER STUDIES /
You may receive advanced standing when you apply for related degree programmes at universities both locally and abroad. These include:
- DigiPen Institute of Technology
- National University of Singapore
- Nanyang Technological University
- RMIT University (Australia)
- University of Melbourne (Australia)
- University of New South Wales (Australia)
- Queensland University of Technology (Australia)
- University of Hertfordshire (UK)
- Savannah College of Art and Design (US)
- Sheridan College (Canada)

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Candidates with hearing deficiency or severe vision deficiency should not apply for the course. Those with colour vision deficiency may be considered, subject to an in-house test.

For students with other qualifications, please refer to the NP website for the entry requirements and admissions exercise period.

Students are required to own a MacBook or Windows notebook and purchase art materials.

CONTACT US
For the most up-to-date information on NPs Diploma in Immersive Media, log on to www.np.edu.sg/im

SCHOOL OF INFOCOMM TECHNOLOGY 19
N98 COMMON ICT PROGRAMME

- Get more time to discover your interests
- Common foundational modules expose you to the world of infocomm technology
- Choose one of the four IT-related diplomas at the end of your first semester
WHAT THE COURSE IS ABOUT
Interested in the world of info-comm technology but unsure about which course to choose? With the Common ICT Programme (CICTP), you will have more time to explore different disciplines before making a more informed choice.

During the first semester, you will gain an introduction to the field of ICT by understanding the roles, practices and career paths of ICT professionals. You will also learn the fundamentals of programming, design principles, cyber security concepts, as well as an overview of enterprise information systems that use data analytics for decision making.

You will get to choose your preferred discipline at the end of your first semester: Cybersecurity & Digital Forensics, Financial Informatics, Immersive Media or Information Technology.

WHAT YOU WILL LEARN
YEAR 1
- Computing Mathematics
- Cyber Security Fundamentals
- Design Principles
- Enterprise Information Systems
- Fundamentals for IT Professionals I*
- Programming I
- Health & Wellness^*
- Innovation Made Possible^*
- Communication Essentials^*
- English Language Express**

Select your preferred diploma towards the end of your first semester and refer to the module listing in the respective diploma pages:

- Cybersecurity & Digital Forensics (page 6)
- Information Technology (page 9)
- Financial Informatics (page 13)
- Immersive Media (page 17)

YEAR 2
- Modules under the ICT diploma you major in
- World Issues: A Singapore Perspective^*

YEAR 3
- Modules under the ICT diploma you major in
- Project ID: Connecting the Dots*