

NGEE

ANN

POLY

- › ANIMATION
- › COMMON ICT PROGRAMME **NEW**
- › CYBERSECURITY & DIGITAL FORENSICS
- › FINANCIAL INFORMATICS
- › IMMERSIVE MEDIA & GAME DESIGN
- › INFORMATION TECHNOLOGY

SCHOOL OF

INFOCOMM TECHNOLOGY

TAKING IT HIGHER

School of **INFOCOMM TECHNOLOGY**

- 6 Cybersecurity & Digital Forensics (N94) **RENAMED**
- 9 Information Technology (N54)
- 13 Financial Informatics (N81)
- 17 Common ICT Programme (N98) **NEW!**
- 19 Animation (N92) **RENAMED**
- 23 Immersive Media & Game Design (N55)



Create the next big mobile game. Battle Internet fraud.
Start a tech business. Produce an animated blockbuster.
Whatever your dreams, we're with you! Take your first
step at the School of InfoComm Technology (ICT).

5 DIPLOMAS

1 COMMON ICT PROGRAMME

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 five diplomas and one Common ICT Programme, teamed with a wide variety of specialisations and areas of interest, to equip you with the skillsets to excel in your chosen field!

Diploma in Cybersecurity & Digital Forensics (N94) **RENAMED**

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, seven areas of interest. Pick modules from one or more of these areas that match your career aspirations:

- Business & Data Analytics
- Cloud Computing
- Enterprise Solutioning
- Games Programming
- Infocomm Sales & Marketing
- Mobile Business Applications
- 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:

- Analytics
- Banking & Finance
- Enterprise Computing

Common ICT Programme (N98) **NEW!**

Take common foundational modules that expose you to the world of infocomm technology in your first year. You will also get to choose any of the three IT-related diplomas in your second year, namely:

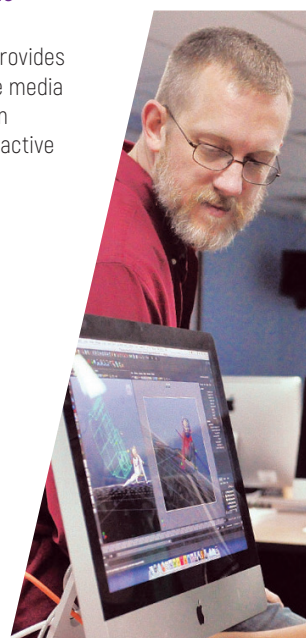
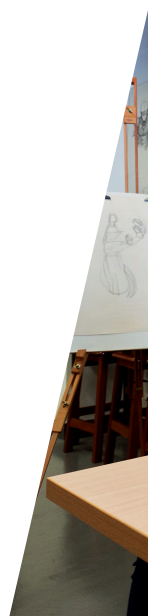
- Cybersecurity & Digital Forensics
- Financial Informatics
- Information Technology

Diploma in Animation (N92) **RENAMED**

This is a practice-based diploma that takes you through the entire process of animation production. You can choose to specialise in 3D Arts or Character Animation.

Diploma in Immersive Media & Game Design (N55)

This is a practice-based diploma that provides a strong focus on game and interactive media design as well as programming. You can choose to specialise in Immersive Interactive Media or Game Design.





INTERNSHIPS



STUDIO-BASED 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 state-of-the-art features and facilities for security, 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 and portfolio projects.



TECHNOPRENEURSHIP PROGRAMME

Make the entrepreneurial leap and start your own IT venture. ICT student Terrence Goh (right) embarked on the Overseas Merit Fellowship programme in New York City, where he met fellow student Jasper Yap (left) from NP's School of Engineering. Together, they founded Yosei Labs, a start-up that specialises in web design and search engine optimisation.



INDUSTRY PARTNERSHIPS

Cultivate your passion and talent in FinTech through participations 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.



OUR GRADUATES WITH THAT SOMETHING XTRA

"The financial industry is innovating itself and FinTech is the evolution that I want to be part of. I'm excited about the opportunities that FinTech will open up to me when I start my internship with financial companies and start-ups that are changing the market."

Wan Xin

FI graduate, Class of 2018

Wan Xin was the gold medallist of his cohort. During his internship at Singapore Management University, he helped to develop a teaching bank application that supports banking and technology-related coursework and student projects.



"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 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.



"ICT opened my eyes to the world of media, specifically game development. I gained the confidence to bring my dreams to life. The lessons that I have learnt in my course provided a strong foundation in my career as a game developer. Without the first-class education, I wouldn't be where I am today."

Tan Tian Shou

MMA* graduate, Class of 2015

Tian Shou received the Media Education Scholarship, which is co-sponsored by IMDA and Ubisoft. He is currently a student at DigiPen Institute of Technology.

*now renamed the Diploma in Immersive Media & Game Design



"ICT groomed my passion in technopreneurship. In 2009, I started my own company called Towards IT Technology. We completed over 19 projects and received very good testimonials from our clients such as PropNex and Canon Singapore!"

Nicholas Ooi

IT graduate, Class of 2012

Nicholas is the founder of Towards IT Technology and winner of the Singapore IT Youth Award 2012. He was awarded \$50,000 as seed money for his venture under SPRING Singapore's Young Entrepreneurs Scheme.





Get latest updates on course

N98 COMMON ICT PROGRAMME **NEW!**

- ▶ Get more time to discover your interests
- ▶ Common foundational modules expose you to the world of infocomm technology
- ▶ Choose one of the three IT-related diplomas at the end of your first semester



/ WHAT THE COURSE IS ABOUT /

Interested in the world of infocomm 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 IT by understanding the roles, practices and career paths of IT professionals. You will also learn the fundamentals of programming and cyber security, 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 or Information Technology.

/ WHAT YOU WILL LEARN /

YEAR 1

- Computing Mathematics
- Cyber Security Fundamentals
- Enterprise Information Systems
- Fundamentals for IT Professionals I*
- Programming I
- English Language Express**
- Communication Essentials^
- Innovation Made Possible^
- Sports & Wellness^

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)

YEAR 2

- Core modules under the IT diploma you major in
- World Issues: A Singapore Perspective^
- Any one IS elective^

YEAR 3

- Core modules under the IT diploma you major in
- Project ID: Connecting the Dots^

/ CAREER /

Refer to the Career section on the respective diploma pages.

/ FURTHER STUDIES /

Refer to the Further Studies section on the respective diploma pages.

/ ENTRY REQUIREMENTS /

AGGREGATE TYPE ELR2B2-C

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

SUBJECT	'O' LEVEL GRADE
English Language as a First Language	1-7
Mathematics (Elementary/Additional)	1-6
Any two other subjects	1-6

You must also have sat for a Science or Design & Technology or Food & Nutrition or relevant OSIE/Applied Subject and fulfil the aggregate computation requirements.

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

CONTACT US

For the most up-to-date information on NP's Common ICT Programme, log on to www.np.edu.sg/cictp

^ Interdisciplinary Studies (IS) modules account for up to 14 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 is part of the Fundamentals for IT Professionals modules.

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