

SCHOOL OF INFORMATION TECHNOLOGY

MAKE IT DIFFERENT

Information Technology (IT) permeates and transforms every sector of the economy, from banking and finance, business and marketing, communications and social media, biomedical and health sciences, lifestyle and entertainment to security and networking.

IT has and will continue to change the way we work, live and play. Social networking, real-time feeds, mobile applications, multiplayer online role-playing games, interactive TV and augmented reality are part and parcel of our lifestyle today. Think Twitter, Facebook, Google, MSN, App Store, OneMap, eBay and Online Spree. Can you imagine a day in your life without IT?

The national Intelligent Nation 2015 (iN2015) blueprint spells out our exciting IT-enabled digital future!

Why Information Technology?

- IT is a key driving force of the economy.
- Enjoy excellent career prospects with the industry's constant demand for well-trained IT professionals.
- Be part of the excitement of turning new ideas into innovative applications.

Why SIT?

- Choose from seven innovation-oriented IT courses that are designed to groom you into a skilled IT professional.
- Develop real-life IT software products and solutions for the industry with the latest cool gadgets and emerging technologies at our very own Centre for IT Innovation (CITI).
- Enrol into our Talent Development Programme as a scholar! Industry leaders collaborate with us to award bond-free scholarships to aspiring students.
- Your learning journey at SIT will be a holistic experience. We nurture your potential as an all-rounder and develop your life skills and leadership qualities.
- Our graduates are industry-relevant, industry-ready and highly sought-after by all sectors of business and industry. Choose from a wide range of exciting high-tech positions, ranging from software technologists, game developers, business intelligence analysts to enterprise solutions architects, IT security consultants, technopreneurs and social media strategists.

- Our diplomas are accorded advanced standing at many renowned universities.
- Join the ranks of our outstanding graduates, many of whom are now scholars at NUS, NTU and SMU and many prestigious overseas universities like Stanford University, University of Toronto, University of Manchester and the University of Melbourne.

Industry-linked

Our strong collaboration with industry provides realistic, effective and relevant learning experiences for our students. Our industry partners include technology leaders and agencies such as:

- Brandtology
- Centre for Strategic Infocomm Technologies
- Cisco Systems
- Defence Science & Technology Agency
- IBM
- Microsoft
- NCS Pte Ltd
- Nokia
- Oracle
- SAP
- SAS
- StarHub

Minimum Entry Requirements

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|---|-------------|
| a) English Language | Grade 1 - 7 |
| b) Elementary or Additional Mathematics | Grade 1 - 6 |
| c) Any two other subjects | Grade 1 - 6 |

You must also have sat for a relevant Science or Technology subject.

Enquiry Hotline

Please call **6550 1600** or visit www.nyp.edu.sg/sit for more information.



DIPLOMA IN **ENGINEERING INFORMATICS**

By 2012, all homes and offices in Singapore will be connected via Next Generation Broadband networks, opening doors to new advancements such as Internet Protocol TV, telemedicine and interactive e-learning. Seize the opportunity to contribute to this exciting IT arena that possesses huge market potential.

NYP's Diploma in Engineering Informatics is a multi-disciplinary course that offers you the chance to gain extensive expertise in next-generation network and IT system technologies, with relevant industry domain knowledge.

You will learn how data centres connected by ultra high-speed broadband networks can be powered by Green Computing technologies. You will also be equipped with the skills to implement next-generation high speed networks, as well as develop cutting-edge mobile and web applications using technologies such as Android, Silverlight and Flash. Not only will you be embarking on an extraordinary career, you will be changing lives as we know it.

This fits me to a T!

This is the course for you, if you're:

- Looking for an exciting and rewarding IT learning experience that combines both IT and industry domain knowledge
- Keen to learn the latest emerging technologies in IT, network and applications, and develop innovative solutions
- Aspiring to be a highly sought-after IT professional with multi-disciplinary expertise

What will I learn?

- Next-generation network, Green IT and software technologies such as network design & implementation, virtualization, web services, database technologies and systems integration to champion IT innovations in the industry

- How to be a resourceful IT specialist to improve responsiveness to business needs
- Complementary knowledge and skills such as marketing and entrepreneurship that value-add to your professional career

In this IT-plus+ course, you will boost your competitive advantage through:

- A full-time industry project to sharpen your technical knowledge, business acumen and project management skills
- Local or overseas industrial attachments at companies or R&D centres to gain real-life work experience and industry exposure
- Overseas immersion opportunities to broaden your horizons and equip you with a global mindset
- Professional certifications from industry leaders such as IBM, ITIL, Cisco, Microsoft, Oracle, Red Hat and SAP

I want a great career!

Join the ranks of our graduates who are much sought-after and well-recognised in the industry. With this diploma, you can enjoy a wide range of career opportunities across many industry sectors in the areas of:

- Interactive Web Application Development
- Network Infrastructure & IT Services
- Systems Integration & Management
- Logistics Management
- Project Management

Uni, here I come!

Our diploma is well-recognised by universities in Singapore, the UK, Australia, the US, Canada and New Zealand. Local varsities and many reputable foreign universities grant advanced standing of one to two years exemption to our graduates in relevant courses.

"I chose NYP because I knew a polytechnic education would provide me with knowledge and skills that are industry relevant. It is indeed so. At SIT, through hands-on projects, industrial attachments and a curriculum updated with the latest technologies, I acquired skills that gave me the competitive edge over my peers. This opened the door to my undergraduate studies and also my current job at an MNC. I firmly believe that polytechnic education is a viable path to university."

Orange Zhan

Diploma in Engineering Informatics with Merit
Class of 2003

Bachelor in Engineering
(Computer Science)
Nanyang Technological University

Account Executive
Gartner Advisory (Singapore) Pte Ltd

