

School of
Infocomm



More Expertise
More Dynamism
BE SO MUCH MORE

#DiscoverRP

DID YOU COME WITH HIGH EXPECTATIONS?

WE'LL MEET THEM, AND MORE.

DISCOVER



WIDE RANGE OF PROGRAMMES

Select from a variety of full-time diploma and lifelong learning courses from our 7 Schools



100% INTERNSHIP

Gain real-world working experience with our established network of partners



STATE-OF-THE-ART FACILITIES

Resources that add to the top-notch experience here

At RP, you'll find a nurturing, student-centric environment that helps you learn holistically. Beside each and every student is a mentor, there to guide you throughout your journey with us — and what a journey it promises to be!

With RP's Problem-based Learning approach, you'll soon realise you're more than able to solve whatever challenges get thrown your way. Transforming problems into possibilities? We'll open your eyes.

You'll embark on a comprehensive enhanced internship programme which will give you a head start in your career.

Look forward to achieving your dreams at RP, as lifelong learning is a journey and we are here to help you develop your potential. Our suite of lifelong learning courses will quench your thirst for learning, strengthen your skillsets and lead you to acquire new ones to stay relevant in this ever-evolving world.

Discover your potential, achieve your dreams and embrace a transformative experience at RP because we're so much more.

A distinctive and rigorous curriculum ensures that you are more than ready to shine in your chosen career. But we know you're looking beyond robust instruction, so you might be further enticed by our:



OVERSEAS STUDY TRIPS

A whole world waiting to be explored and to learn from



>80 CO-CURRICULAR ACTIVITIES

Indulge your interests or try something new



COMMUNITY-BASED PROJECTS

Reach out and discover Singapore from a different perspective



3 ACCLAIMED ARTS & MUSIC FESTIVALS

Held yearly to expand your cultural horizons

CONTENTS

<i>BUSINESS INFORMATION SYSTEMS</i>	<i>10</i>
<i>DIGITAL DESIGN & DEVELOPMENT.....</i>	<i>14</i>
<i>FINANCIAL TECHNOLOGY</i>	<i>18</i>
<i>INFOCOMM SECURITY MANAGEMENT.....</i>	<i>22</i>
<i>INFORMATION TECHNOLOGY</i>	<i>26</i>
<i>COMMON ICT PROGRAMME.....</i>	<i>30</i>

TAILOR YOUR EXPERTISE TO MEET A DYNAMIC, DIGITAL FUTURE

You'll encounter the latest advancements, fine-tune your problem-solving skills and put your creative talents to work.

Make your dream career digital and explore the exciting possibilities through our Common ICT Programme and five diplomas in a variety of fields:

- Business Information Systems
- Digital Design & Development
- Financial Technology
- Infocomm Security Management
- Information Technology

Are you prepared to work in an increasingly fast-paced and digital future? At **RP School of Infocomm (SOI)**, you'll acquire critical expertise to develop new technological capabilities and make dynamic advancements. It's time to revolutionise the way we live, work and play.

Get ready to take on the world as a tech-savvy IT professional! Stand out in a competitive and fast-paced market, as we foster your talents and nurture your digital dreams. Whether you're building the next great mobile app or shaping a first-class business intelligence solution for the corporate realm, SOI will show you the best way how.

We keep you up-to-date on trends and applications, constantly refining our teaching methods and technology to reflect the way the infocomm industry evolves.

Enjoy access to our state-of-the-art laboratories and the latest software, as we train you on the IT systems used by successful businesses all over the world.

Meet established leaders in the field and overcome real-life challenges through industry attachments at over 300 illustrious IT companies. From IT security and system solutions development, to banking and healthcare, your SOI diploma will put you in good stead.



HEAR FROM OUR GRADUATES



CHIU PEI XIAN

**Diploma in Mobile Software Development
(now known as Diploma in Digital Design
and Development)**

2020 Graduate

Currently pursuing Bachelor of Science in Computing Science (Honours), jointly offered by Singapore Institute of Technology and University of Glasgow



During my time in RP, I thoroughly enjoyed the learning process and was fortunate enough to pursue many interests and passions. I've gained gradual confidence and have honed my skills in programming through my course. The nurturing environment at RP has motivated me in many ways and I've learnt the importance of self-belief and perseverance. These are key components for the success I enjoy today."

Pei Xian has received several academic awards as a recognition of her outstanding academic performance during her time at RP. Outside her classwork, she found time to participate in Wushu IG, to keep herself fit and bond with like-minded

schoolmates. Also, she joined IMDA's iPREP programme where she went for industry-level certification courses and seminars to get herself ready for the IT industry. These experiences have prepared her well to take on challenges of the working world.



LIM HUI HONG, ERIC
Diploma in Information Technology
2020 Graduate

Currently serving National Service
Will be pursuing Bachelor of Engineering in
Computer Engineering at Nanyang
Technological University



RP has given me many opportunities to excel. I have taken part in national level competitions, have been awarded scholarships and have gone on a sponsored overseas internship. RP has prepared me well to take on future challenges and this is the reason why I could leverage knowledge gained at RP in my current degree pursuit. Other than skills and knowledge gained, I also realised the importance of grit at RP which has helped me to prevail over life's obstacles to achieve greater heights."

Eric is a familiar face in national level competitions as he represented RP and SOI in many competitions such as HackMania 2019, Splash Awards 2019, and PolyFintech100 API Hackathon 2019. With his regular coursework, he managed to find time to do volunteer work at YMCA as a children's camp leader. While in RP, Eric also served as a Microsoft Student Leader representative to contribute to the

Microsoft community. Highly regarded for his outstanding academic performance, Eric received various academic awards during his time in RP. The greatest achievement for Eric was being able to embark on an overseas internship in Helsinki, Finland as part of RP's Global Entrepreneurship Innovation Programme (GEIP). Eric looks forward to contribute more to the community in the start-up space.



**MOHAMED ISA BIN
MOHAMED BASIR**
Diploma in Financial Technology
Year 2

An avid learner, Isa has embraced numerous opportunities to discover what Fintech has to offer. He explored a couple of the trends associated with Fintech such as Cryptocurrencies, Non-Fungible Tokens (NFTs) and also used multiple Defi technology-based platforms and services. Supporting his lecturers, Isa is also a peer support leader for his after-class revision clinics. He is delighted to offer a helping hand and find it beneficial for students to practice more and improve further.



Technology has the potential to be adopted in any industry. Upon joining RP, I have been given multiple opportunities to showcase my talent in Infocomm. Competitions such as PolyFintech Hackathon allowed me to build up the courage and confidence to explore potential innovative solutions within the Fintech space, which could benefit people and solve issues. I am appreciative of all the support and guidance from my lecturers and this helped to sharpen my thinking process to become a matured individual."



TNAY TENG LONG
Diploma in Business Information Systems
2017 Graduate

Completed the Work-Study Post-Diploma (Specialist Diploma in Cyber Security) programme and is currently working as Senior Cyber Security Operations Engineer at PSA Corporation Ltd



The presence of IT can help businesses to provide quality services. With the Diploma in Business Information Systems, you can be the one to bring relevant business-IT expertise into organisations."

A firm believer in learning and passionate in giving back to RP, Teng Long has been returning to RP to mentor his juniors from SOI. SOI students have benefitted from Teng Long's valuable sharings. The IMDA Gold Medal Award and Tay Eng Soon Medal Award winner says he appreciates the forums and competitions he had participated in through his course, where he enjoyed exchanging thoughts and insights with participants from other institutions and industry sectors.



I knew I was interested in the field of Information Technology. However, I was unsure which area I wanted to focus on. The Common Infocomm Programme (CIP) allows me to understand what SOI could offer. The Education and Career Guidance lessons helped me to understand my personality type better and discover my interests. The various facets of CIP allowed me to make an informed decision regarding my diploma of choice."

KENNETH POH REN KANG

Enrolled into Common Infocomm Programme in 2020

Diploma in Digital Design & Development Year 2

Through CIP, Kenneth gained broad-based knowledge on the various aspects of IT. He took part in education and career guidance activities which helped to discern his strengths and weaknesses. In addition, he was given insightful advice from lecturers which provided him with a better understanding of career prospects. These have guided him to make a confident decision in his chosen SOI diploma.



The talks and workshops in the CIP allowed me to embark on a self-discovery journey to find out more about the career pathways in the field of Infocomm. I gathered that individuals with the skills and knowledge in cyber security are sought after in the workforce, and it led to my decision to pursue a Diploma in Infocomm Security Management. The diploma has sparked my interest and focus. I am thankful to be given countless opportunities to participate in competitions and relevant course projects."

CLARA TAN YU QIAN

Enrolled in Common Infocomm Programme in 2019

Diploma in Infocomm Security Management Year 3

Clara started off from ground zero and learned more about the opportunities in the field of Infocomm through the CIP. It gave her time to explore what the different IT courses have to offer and research on possible tracks to take up. Outside of regular classwork, she joined the SOI Club to hone her leadership and peer support skills.



DIPLOMA IN

BUSINESS INFORMATION SYSTEMS

R13

- Acquire fundamental IT and business skills through business process modelling and project management
- Participate in projects that are based on real IT issues faced in the business world
- Undergo a 20-week Industry Immersion Programme with organisations such as DBS Bank, NCS Pte Ltd, Salesforce Singapore, and SAS Institute

TAKE YOUR IT SKILLS INTO THE BUSINESS WORLD FOR A COMPETITIVE ADVANTAGE.



Scan to find out more about the diploma

ABOUT THE DIPLOMA

Through the Diploma in Business Information Systems (DBIS), you will learn how to apply technology to solve business challenges. As you master a combination of technology skills, core business knowledge and business and data analysis techniques, you will be able to understand business requirements, as well as to propose and implement solutions using IT.

Gain access to world-class software technologies and extensive hands-on experience using renowned enterprise application software, such as Salesforce.com, Tableau and KNIME, on top of statistical analysis systems from Microsoft.NET and SAS. You will also embark on industry projects and attachments with leading companies. DBIS helps you benefit from real-world insights, and adds to your confidence and expertise for a successful IT career.

CAREER OPPORTUNITIES

You will gain versatile skillsets that will enable you to take on high-value IT roles in a wide range of industries. You can look forward to roles such as:

- Application Developer
- Application Support
- Associate Business Analyst
- Associate Systems Analyst
- IT Executive



I have always lived by the saying, 'Don't spend your time trying to find yourself — spend your time creating yourself into the person you'd be proud of.' DBIS helped me do that by allowing me to practice what I am good at while exploring new aspects. This has opened up many opportunities for me."

NURUL NATASHA BTE MD Z

Diploma in Business Information Systems
2019 Graduate

Currently pursuing Bachelor of Science (Honours) in Computing Science, jointly offered by Singapore Institute of Technology and University of Glasgow

COURSE STRUCTURE

The course structure consists of general, discipline, specialisation, elective, and freely chosen modules. There is also an industry orientation component.

GENERAL MODULES

- Communication in the Global Workplace
- Critical Thinking and Problem Solving Skills
- ECG I: Exploring the Future of Work
- ECG II: Becoming Future-Ready
- Innovation and Practice
- Life Skills I
- Life Skills II
- Life Skills III
- Singapore, the World and I

DISCIPLINE MODULES

- Advanced Object-Oriented Programming
- Advanced Web Application Development in .NET
- Computer System Technologies
- Database Systems
- Introduction to Programming
- IT in Business Processes
- IT Project Management
- IT Security and Management
- Mathematics
- Object-Oriented Programming
- Software Development Process
- Web Application Development in .NET

INDUSTRY ORIENTATION PROGRAMME

- Project

Select one module from the list below:

- Corporate Innovation Immersion Programme
- Entrepreneurial Immersion Programme
- Industry Immersion Programme

FREELY CHOSEN MODULES

Students need to either select the Special Project module or select **two modules** from a list of Freely Chosen Modules

SPECIALISATION MODULES

- AI and Machine Learning
- Business Analysis Practice
- Business Analytics
- Business Intelligence
- Business Systems
- Marketing

ELECTIVE MODULES

Select one module from the list below:

- Data Structures and Algorithms
- Financial Accounting
- Human Resource Management
- Macroeconomics
- Microeconomics
- Mobile App Development

MINIMUM ENTRY REQUIREMENTS

MER for GCE O-Level Holders	GRADE
English Language	1 – 7
Mathematics (Elementary/ Additional)	1 – 6
ANY TWO OTHER SUBJECTS	1 – 6

You must have also sat for one of the following subjects:

- Additional Combined Science
- Additional Science
- Biology
- Biotechnology
- Chemistry
- Combined Science
- Computer Studies
- Computing
- Creative 3D Animation
- Design & Technology
- Electronics
- Engineering Science
- Food & Nutrition
- Fundamentals of Electronics
- General Science
- Human & Social Biology
- Integrated Science
- Physical Science
- Physics
- Science (Biology, Chemistry)
- Science (Biology, Physics)
- Science (Chemistry, Physics)
- Science (Biology, Chemistry, Physics)

FURTHER STUDIES

Discover exciting opportunities for further studies!

Our diploma opens doors for you to pursue a degree at reputable local and overseas universities. Top local and overseas universities welcome our graduates with credit exemptions, they include:

- Nanyang Technological University
- National University of Singapore
- Singapore Institute of Technology
- Singapore Management University

Overseas universities in:

- Australia
- New Zealand
- United Kingdom, and many other locations.

For the full listing of entry requirements, visit www.rp.edu.sg/full-time-courses/dbis



DIPLOMA IN

DIGITAL DESIGN & DEVELOPMENT

R47

- Gain expertise in application development and UI/UX design
- Build immersive experiences for next-generation digital platforms
- Use AI and Machine Learning services to create smart solutions

SET YOURSELF APART WITH AN EXPERTISE IN SPECIALISED TECHNOLOGIES.



Scan to
find out more
about the
diploma

ABOUT THE DIPLOMA

Explore trending and emerging technologies in the Diploma in Digital Design & Development (DDDD). From Immersive Media and Artificial Intelligence to the Internet of Things, you will gain the know-how to keep you relevant.

Learn to design and build immersive experiences for next-generation digital

platforms with voice commands for smart assistants, like Google Home and Amazon Echo, and even Virtual Reality apps for head-mounted devices. Key current technology concepts such as machine learning, business intelligence, software testing, and analytics will be taught. With a holistic learning experience gained at DDDD, you will be well prepared for an exciting career.

CAREER OPPORTUNITIES

You will be well prepared to take on roles such as:

- Mobile and Web App Developer
- Systems Analyst
- UI Designer
- UX Designer



SOI has allowed me to be a winner inside and outside school. The lecturers encouraged and motivated me to achieve various accomplishments. The opportunity has proved to be useful and rewarding in making me a better individual moving forward in my career."

HERWAN SHAH

Diploma in Mobile Software Development
(now known as Diploma in Digital Design
and Development)
2018 Graduate
Currently working as IT Business Analyst

COURSE STRUCTURE

The course structure consists of general, discipline, specialisation, elective, and freely chosen modules. There is also an industry orientation component.

GENERAL MODULES

- Communication in the Global Workplace
- Critical Thinking and Problem Solving Skills
- ECG I: Exploring the Future of Work
- ECG II: Becoming Future-Ready
- Innovation and Practice
- Life Skills I
- Life Skills II
- Life Skills III
- Singapore, the World and I

DISCIPLINE MODULES

- Computer System Technologies
- Database Systems
- Introduction to Programming
- IT in Business Processes
- IT Security and Management
- Mathematics
- Object-Oriented Programming
- Software Development Process
- Web Application Development in php

INDUSTRY ORIENTATION PROGRAMME

- Portfolio Development
- Project

Select one module from the list below:

- Corporate Innovation Immersion Programme
- Entrepreneurial Immersion Programme
- Industry Immersion Programme

FREELY CHOSEN MODULES

Students need to either select the Special Project module or select **two modules** from a list of Freely Chosen Modules

SPECIALISATION MODULES

- AI and Machine Learning
- Business Intelligence
- Front-End Web Development
- Fundamentals of Design
- Immersive Technologies
- Mobile App Development
- Software Testing and Analytics
- UI/UX Design for Apps

ELECTIVE MODULES

Select one module from the list below:

- Application Security
- Business Analytics
- Emerging Technologies
- IT Project Management

MINIMUM ENTRY REQUIREMENTS

MER for GCE O-Level Holders	GRADE
English Language	1 – 7
Mathematics (Elementary/ Additional)	1 – 6
ANY TWO OTHER SUBJECTS	1 – 6

You must have also sat for one of the following subjects:

- Additional Combined Science
- Additional Science
- Biology
- Biotechnology
- Chemistry
- Combined Science
- Computer Studies
- Computing
- Creative 3D Animation
- Design & Technology
- Electronics
- Engineering Science
- Food & Nutrition
- Fundamentals of Electronics
- General Science
- Human & Social Biology
- Integrated Science
- Physical Science
- Physics
- Science (Biology, Chemistry)
- Science (Biology, Physics)
- Science (Chemistry, Physics)
- Science (Biology, Chemistry, Physics)

FURTHER STUDIES

Discover exciting opportunities for further studies!

Our diploma opens doors for you to pursue a degree at reputable local and overseas universities. Top local and overseas universities welcome our graduates with credit exemptions, they include:

- Nanyang Technological University
- National University of Singapore
- Singapore Institute of Technology
- Singapore Management University

Overseas universities in:

- Australia
- New Zealand
- United Kingdom, and many other locations.

For the full listing of entry requirements, visit www.rp.edu.sg/full-time-courses/dddd



DIPLOMA IN

FINANCIAL TECHNOLOGY

R18

- Learn and apply technological innovations, such as Blockchain, Payments and Data Analytics to solve business problems in the financial industry
- Develop software programming skills and knowledge to create IT solutions
- Gain knowledge of the financial ecosystem to kick-start a career in IT and financial industries
- Understand the importance of entrepreneurship and be equipped with foundational skills in setting up a FinTech business

LEARN WHAT IT TAKES TO BE A FINTECH PROFESSIONAL.



Scan to
find out more
about the
diploma

ABOUT THE DIPLOMA

Develop software development skills relevant to the financial services sector through the Diploma in Financial Technology (DFT). You will be equipped with key FinTech concepts, relevant business models and technologies to provide innovative IT ideas and applications in the industry.

Internships with renowned banks and leading FinTech companies will offer you valuable working experience to further enhance your IT development skills and business processes knowledge. You may even choose to become an entrepreneur with your own FinTech startup under RP's Entrepreneurship Innovation Programme.

CAREER OPPORTUNITIES

You are set to take on key positions with leading organisations in both the public and private sectors. You can look forward to roles such as:

- Application Developer
- Associate Business Analyst
- FinTech Entrepreneur



Enrolling in DFT has opened my eyes to see and learn how technology and software help with the delivery of financial services. I was given opportunities to participate in competitions at RP, where I learnt more about the concept of decentralised finance. I was also encouraged to take up a leadership role in peer revision sessions, which helped me in my learning too. These helped me discover my interest in the field of Infocomm and I intend to pursue a degree in data science after graduation."

YEO BOON LING, FAITH

Diploma in Financial Technology
Year 2 Student

COURSE STRUCTURE

The course structure consists of general, discipline, specialisation, elective, and freely chosen modules. There is also an industry orientation component.

GENERAL MODULES

- Communication in the Global Workplace
- Critical Thinking and Problem Solving Skills
- ECG I: Exploring the Future of Work
- ECG II: Becoming Future-Ready
- Innovation and Practice
- Life Skills I
- Life Skills II
- Life Skills III
- Singapore, the World and I

DISCIPLINE MODULES

- Advanced Object-Oriented Programming
- AI and Machine Learning
- Computer System Technologies
- Database Systems
- Introduction to Programming
- IT in Business Processes
- IT Security and Management
- Mathematics
- Object-Oriented Programming
- Software Development Process

INDUSTRY ORIENTATION PROGRAMME

- Project

Select one module from the list below:

- Corporate Innovation Immersion Programme
- Entrepreneurial Immersion Programme
- Industry Immersion Programme

FREELY CHOSEN MODULES

Students need to either select the Special Project module or select **two modules** from a list of Freely Chosen Modules

SPECIALISATION MODULES

- Business Intelligence
- Distributed Ledger Technologies
- Distributed Ledger Technology Solutioning
- Entrepreneurship
- Enterprise Solutions for Business
- Financial Ecosystem
- Financial Technologies
- Payment Technologies

ELECTIVE MODULES

Select one module from the list below:

- Business Analytics
- Emerging Technologies
- Mobile App Development
- UI/UX Design for Apps

MINIMUM ENTRY REQUIREMENTS

MER for GCE O-Level Holders	GRADE
English Language	1 – 7
Mathematics (Elementary/ Additional)	1 – 6
ANY TWO OTHER SUBJECTS	1 – 6

You must have also sat for one of the following subjects:

- Additional Combined Science
- Additional Science
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- Chemistry
- Combined Science
- Computer Studies
- Computing
- Creative 3D Animation
- Design & Technology
- Electronics
- Engineering Science
- Food & Nutrition
- Fundamentals of Electronics
- General Science
- Human & Social Biology
- Integrated Science
- Physical Science
- Physics
- Science (Biology, Chemistry)
- Science (Biology, Physics)
- Science (Chemistry, Physics)
- Science (Biology, Chemistry, Physics)

FURTHER STUDIES

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- Nanyang Technological University
- National University of Singapore
- Singapore Institute of Technology
- Singapore Management University

Overseas universities in:

- Australia
- New Zealand
- United Kingdom, and many other locations.



DIPLOMA IN

INFOCOMM SECURITY MANAGEMENT

R55

- Learn about key IT security technologies
- Develop techniques for tracking and fighting cybercrime
- Undergo a 20-week Industry Immersion Programme with organisations such as Ernst & Young, NEC, Palo Alto Networks, RSA, and Singtel

BE AT THE FRONTLINE OF CYBER SECURITY.



Scan to find out more about the diploma

ABOUT THE DIPLOMA

With the issue of cyber security becoming more pertinent than ever, the Diploma in Infocomm Security Management (DISM) prepares you to be an in-demand specialist. Get equipped with the skills to develop IT technology to resist cyber-attacks, and resolve home and work security system loopholes.

You will have opportunities to familiarise yourself with high-level, state-of-the-art IT security systems, while learning the best strategies and practices on protecting an organisation's digital assets. You will also learn to direct, manage and operate security operation centres. Modules on ethical hacking, intrusion detection & prevention and security incident response are also covered in this course.

CAREER OPPORTUNITIES

You can embark on a variety of exciting careers related to infocomm security management. You will be well prepared to take on roles such as:

- Cloud Security Officer
- Computer Forensic Examiner
- IT Audit Officer
- IT Security Analyst
- IT Security Engineer
- Network Security Administrator
- Security Penetration Tester



Talent is usually an invisible trait, more often than not, it's the result of conscientious work, other people don't see."

LYNN LEE QING XIA

Diploma in Infocomm Security Management
2021 Graduate

Currently working as a Cyber Security Consultant
at Wizlynx Group Singapore Branch

COURSE STRUCTURE

The course structure consists of general, discipline, specialisation, elective, and freely chosen modules. There is also an industry orientation component.

GENERAL MODULES

- Communication in the Global Workplace
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- ECG I: Exploring the Future of Work
- ECG II: Becoming Future-Ready
- Innovation and Practice
- Life Skills I
- Life Skills II
- Life Skills III
- Singapore, the World and I

DISCIPLINE MODULES

- Data Communications and Networking
- Database Systems
- Introduction to Programming
- IT in Business Processes
- IT Security and Management
- Mathematics
- Object-Oriented Programming
- Web Application Development in php

INDUSTRY ORIENTATION PROGRAMME

- Project

Select one module from the list below:

- Corporate Innovation Immersion Programme
- Entrepreneurial Immersion Programme
- Industry Immersion Programme

FREELY CHOSEN MODULES

Students need to either select the Special Project module or select **two modules** from a list of Freely Chosen Modules

SPECIALISATION MODULES

- AI and Machine Learning
- Application Security
- Ethical Hacking
- Digital Security and Forensics
- Intelligent Networks
- Internetworking Security
- Intrusion Detection and Prevention
- IT Compliance and Risk Management
- Operating Systems and Cloud Computing
- Security Information Management

ELECTIVE MODULES

Select one module from the list below:

- Business Analytics
- Emerging Technologies
- IT Project Management
- Mobile App Development

MINIMUM ENTRY REQUIREMENTS

MER for GCE O-Level Holders	GRADE
English Language	1 – 7
Mathematics (Elementary/ Additional)	1 – 6
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- Nanyang Technological University
- National University of Singapore
- Singapore Institute of Technology
- Singapore Management University

Overseas universities in:

- Australia
- New Zealand
- United Kingdom, and many other locations.



DIPLOMA IN

INFORMATION TECHNOLOGY

R12

- Learn how IT systems, intelligent networks and software applications are designed, developed and managed
- Understand current IT security concerns and learn how to deploy Enterprise wired and wireless networks in a secure manner
- Undergo a 20-week Industry Immersion Programme with organisations such as Accenture, Amazon Web Services (AWS), Google, Pactera Edge, and NCS Pte Ltd

**BE EMPLOYABLE IN ANY
INDUSTRY WITH STRONG,
FLEXIBLE IT SKILLS.**



Scan to
find out more
about the
diploma

ABOUT THE DIPLOMA

The Diploma in Information Technology (DIT) equips you with a broad understanding of IT management, opening opportunities for you in every industry. Gain a solid foundation in the IT fundamentals — learn how IT systems are designed and developed, how to manage cloud services and how

to deploy secure wired and wireless networks. You'll reap insights into the issues faced by organisations today and develop the skills to resolve them. Have a go at creating your own software and web-based applications, with the extensive hands-on training incorporated in the course.

CAREER OPPORTUNITIES

You will be valued for your broad expertise in IT fundamentals. You will be able to pursue opportunities in roles such as:

- Cloud Operation Engineer
- IT Analyst Software Developer
- System and Network Administrator
- Technical Support Engineer



Afraid of jumping into an IT field with little to no experience? I did not have a clear direction of which IT course I should pursue when I first enrolled but RP has given me plenty of opportunities to discover what I can be good at. This experience has guided me to a clear path of what I want to pursue as a career in the IT industry."

MUHAMMAD HAZIQ BIN RAMLAN

Diploma in Information Technology
2021 Graduate
Currently serving National Service

COURSE STRUCTURE

The course structure consists of general, discipline, specialisation, elective, and freely chosen modules. There is also an industry orientation component.

GENERAL MODULES

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- Life Skills II
- Life Skills III
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DISCIPLINE MODULES

- Advanced Object-Oriented Programming
- Data Communications and Networking
- Database Systems
- Introduction to Programming
- IT in Business Processes
- IT Security and Management
- Mathematics
- Object-Oriented Programming
- Operating System Concepts
- Software Development Process
- Web Application Development in .NET

INDUSTRY ORIENTATION PROGRAMME

- Project

Select one module from the list below:

- Corporate Innovation Immersion Programme
- Entrepreneurial Immersion Programme
- Industry Immersion Programme

FREELY CHOSEN MODULES

Students need to either select the Special Project module or select **two modules** from a list of Freely Chosen Modules

SPECIALISATION MODULES

- Data Centre and Cloud Management
- Intelligent Networks
- Internetworking
- Internet Server Technologies
- IT Service Delivery
- IT Service Operations with AI
- Linux Administration and Virtualisation

ELECTIVE MODULES

Select one module from the list below:

- Advanced Web Application Development in .NET
- Data Structures and Algorithms
- Ethical Hacking
- IT Project Management
- Mobile App Development

MINIMUM ENTRY REQUIREMENTS

MER for GCE O-Level Holders	GRADE
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Our diploma opens doors for you to pursue a degree at reputable local and overseas universities. Top local and overseas universities welcome our graduates with credit exemptions, they include:

- Nanyang Technological University
- National University of Singapore
- Singapore Institute of Technology
- Singapore Management University

Overseas universities in:

- Australia
- New Zealand
- United Kingdom, and many other locations.



COMMON ICT PROGRAMME

R58

SAMPLE THE HIGHLIGHTS BEFORE SETTLING INTO YOUR GROOVE.

- Discover your interests through the programme
- Develop a good foundation in infocomm technology (ICT)
- Gain insights to different ICT-related disciplines before you make your choice

ABOUT THE PROGRAMME

ICT is a constantly-evolving industry with a host of career options. Why not experience the range it encompasses, to better discover where your interest lies?

Through the Common ICT Programme (CIP), you'll develop solid technical skills and encounter real-world issues, all in the first semester of your first year of study. This forms the foundation for your studies that follow, when you can choose from the following IT-related diploma programmes:

- Business Information Systems
- Digital Design & Development
- Financial Technology
- Infocomm Security Management
- Information Technology



I have a deep passion in Information Technology but I was not ready to commit to any specialisation fields when I joined RP. Through the various education and career guidance activities, CIP allowed me to explore the different courses before making my choice. I'm now certain that I have made the right diploma choice."

KE JINHAN

Enrolled into Common ICT Programme
Diploma in Business Information Systems
Year 3



Scan to
find out more
about the
programme

MINIMUM ENTRY REQUIREMENTS

MER for GCE O-Level Holders	GRADE
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English Language	1 – 7
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Mathematics (Elementary/ Additional)	1 – 6
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ANY TWO	1 – 6
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OTHER SUBJECTS

You must have also sat for one of the following subjects:

Additional Combined Science, Additional Science, Biology, Biotechnology, Chemistry, Combined Science, Computer Studies, Computing, Creative 3D Animation, Design & Technology, Electronics, Engineering Science, Food & Nutrition, Fundamentals of Electronics, General Science, Human & Social Biology, Integrated Science, Physics, Physical Science, Science (Chemistry, Biology), Science (Physics, Biology), Science (Physics, Chemistry), Science (Physics, Chemistry, Biology)

COURSE STRUCTURE

GENERAL MODULES

- Communication in the Global Workplace
- Critical Thinking and Problem Solving Skills
- ECG I: Exploring the Future of Work
- Introduction to Programming
- IT in Business Processes
- Mathematics
- Singapore, the World and I

From the second semester, you will study the modules that are allocated to a specific diploma programme from SOI

For the full listing of entry requirements, visit www.rp.edu.sg/full-time-courses/cip

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