CELEBRATING

OUR TOP GRADS
OF 2021!

Find out how you can win a $10 coffee gift card on Pg 14!
WHAT’S INSIDE?

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Meet this year’s top graduates!
Our nine institutional Medallists (IMs) pulled through a global pandemic to achieve some serious achievements. Find out who they are here.

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We actually wonder how they even find the time to study.

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THE CREAM OF THE CROP

Meet our top graduates this year. Finishing their final year amidst a global pandemic was certainly not what they had in mind, but our nine Institutional Medallists pulled through to achieve some serious achievements!

From left to right (Top row): Toh Chin Chye Gold Medallist: Gerwyn Teo (Diploma in Business Administration), Tay Eng Soon Gold Medallist: Izzat Bin Mahad (Diploma in Bioengineering)*, Lee Kuan Yew Award recipient: Ryan Ong (Diploma in Aerospace Electronics), Lee Kuan Yew Award recipient: Tristan Voon (Diploma in Aeronautical Engineering)

From left to right (Bottom row): Tan Kay Yong Gold Medallist: Scott Lee (Diploma in Experience & Product Design), Chua Chor Teck Gold Medallist: Cherize Zaidi (Diploma in Human Resource Management with Psychology), Low Guan Onn Gold Medallist: Josephine Kwan (Diploma in Landscape Architecture), Lee Kuan Yew Award recipient: Kimberly Surya (Diploma in Mechatronics & Robotics), Lee Kuan Yew Award recipient: Chua Min Min (Diploma in Infocomm Security Management)

* The Diploma in Bioengineering is now offered as a specialisation under the Diploma in Mechanical Engineering.

The safety and well-being of our students is of utmost importance to SP. Safe distancing measures were in place when we photographed the Institutional Medallists for this spread.

Read their stories in Right Choice on pgs 11, 25, 43, 53 and 58 or turn the page to get to know their fun side!
Tristan enjoys writing poems and when inspiration hits, there’s no stopping her pen!

Min Min is a Minecraft fanatic and can also read Cyrillic.

Tristan loves diving so much he went to get a boat licence.

Scott enjoys gaming and is secretly training to become a Yu-Gi-Oh master.

Cherize crochets and does embroidery for fun (and to earn some extra pocket money). Check out her work at @the.threadsury!

Min Min enjoys writing poems and when inspiration hits, there’s no stopping her pen!

Ryan speaks six languages including German, French, Spanish and Italian.

Josephine owns an international creative business, @jojokwanplans, and donates a large portion of the profits to the World Wildlife Fund and Red Cross.

Gerwyn plays eight types of sports and thinks he is best at Frisbee.

Kimberly does cosplay and her favourite character to play is Ayano Tateyama.

If you think our top graduates only know how to study, think again. Between owning their own businesses to playing eight types of sports, you’d actually wonder how they find the time to study!
**SP Alumnus, Diploma in Visual Effects & Motion Graphics (DVEMG), Class of 2013**

* DVEMG will be replaced by the Diploma in Media, Arts & Design (Motion Design & Effects) w.e.f  April 2021.

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**Pursuing a Master’s degree in Fine Arts in Motion Media Design, Savannah College of Art and Design (SCAD)**

**SP Alumnus, Diploma in Visual Effects & Motion Graphics (DVEMG), Class of 2013**

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**Why DVEMG?**

D: Ten years ago, I came across a YouTube tutorial on how one can use a video editing software to “clone” oneself. I was so intrigued and fascinated by the tutorial that I began scouring the internet for all sorts of resources on creating motion graphics and visual effects. That was how I found SP’s Diploma in Visual Effects & Motion Graphics course and I applied to join SP via the Direct Polytechnic Admission (now known as Early Admissions Exercise).

**Best thing about SP?**

D: We learnt a lot. And I do mean, everything. From graphic design principles, photography, videography, special effects makeup to production design, I have probably done it all in SP. My passion and expertise lie in creating visual effects but because SP had us take a variety of modules, I left SP as a well-rounded artist and can now take on any projects that come my way.

**How did you end up halfway round the globe?**

D: After graduating from SP, I was offered a half scholarship by the Savannah College of Art and Design (SCAD) in the United States but the scholarship money offered was not enough for me to pursue my dreams of studying overseas. So, I worked. After National Service, I joined a visual effects studio. I took an Adobe Certified Expert Exam. I started my own YouTube tutorial channel: NoSleepCreative, to teach people how to create motion graphics and visual effects. I applied to SCAD again armed with my work experience and newfound accolades. I was offered a full scholarship this time and was off to SCAD (Hong Kong Campus).

Today, I am in the US, back in school doing my Master’s Degree in Fine Arts in Motion Media Design after working at WarnerMedia as a Motion Graphic Designer doing broadcast motion graphics for big brands such as Cartoon Network, NBA and Turner Classic Movies.

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**SP Alumna, Diploma in Landscape Architecture (DLA), Class of 2010**

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**Why DLA?**

A: My friends used to joke that I was training to be a gardener by studying landscape architecture. However, after three years in SP, I came to realise that a landscape architect has the important task of designing environmental landscapes like parks and gardens. It is a fulfilling role that has the potential to improve the lives of people who use these spaces.

**Most memorable project to date?**

A: That would have to be the collaboration project with MOH Holdings for the new Woodlands Health Campus (WHC) targeting the elderly and patients with dementia. The goal is to integrate the new WHC with the adjacent public park, and create therapeutic gardens both within and surrounding the hospital grounds. We created seamless connectivity from indoors to outdoors including closed-loop paths within the garden where there is only one entry and exit. This will prevent patients with severe dementia from getting lost.

**What is a goal you want to accomplish in the near future?**

A: With my specialisation in Health Design, I would like to create more outdoor spaces, with a focus on comfort and health restoration, especially for people with specific needs. Apart from that, I also hope to contribute in curbing ecological issues like rising sea levels and climate change. These are pressing issues that need to be addressed in order to mitigate the effects on coastal areas.

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**Senior Landscape Architect (Design), National Parks Board**

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**It is perfectly fine and natural to not know what lies ahead or what you want as a career. Trust the process, and more importantly trust yourself in whatever decision you make in life.**
SPöttlight

Venus Lim
Diploma in Infocomm Security Management (DISM) Graduate
Turning Data into Insights: As an intern at DSTA’s Information Programme Centre, Venus gained insights into the exciting field of data analytics! She had the hands-on opportunity to create dashboards that enabled data to be visualised and understood easily. In addition to applying what she learnt in SP – knowledge on using Tableau and basic Python programming. She also met some great mentors who taught her useful technical skills.
What’s next: Venus hopes to further her studies in information technology to become a better programmer in the future.

WHO:
Tan Jun Hern
Moham Alnizom,
Abdul Rauf Bin Jamaludin,
K Muneesh Theeban,
Aloysius Ong,
Brandon Abejuela Tay,
Not pictured:
Hudzaifah Bin Brian Siew Wee Kian,
In photo:
Ong Zheng Xiang,
Guan Jin Yuan,
Geng Xingyong,
Sim Jin Meng, S. Naveen
Diploma in Mechatronics
& Robotics (DMRO) Graduates

Shia Mohammed
Haady Bin Shaik
Mohd Reza Mattar
Diploma in Biomedical Science (DBS) Graduate
Blood Research Expert in the Making: As a clinical research coordinator at the National Cancer Institute Singapore (NCIS), Haady was tasked to recruit patients and collect samples to help doctors in their research studies pertaining to blood-related cancers. On top of this, he was also given the important role of ensuring all essential documents in the Department’s research studies comply with the ethical and legal laws set by the Ministry of Health.

Inspired to Serve: The most rewarding experience of his internship was getting to hear the different stories from the cancer patients he had the chance to interact with. Haady also got to meet healthcare professionals who spurred him to work even harder to achieve his dream.

Norman Azam
Diploma in Landscape Architecture (DLA) Graduate
Promote community interaction using flora and fauna: Norman’s ideas of a perfect landscape is a space that is aesthetic, sustainable and interactive. For his final year project, he brought to life his perfect landscape idea by developing a design concept for residents living in Kranji-Marsiling. In his concept, the space features an urban farm area for residents to grow their own produce, a therapeutic garden with medicinal herbs and a green gallery where residents can paint using natural plant dye and display their works of art for all to enjoy. There’s literally something for everyone.

What’s next: He created the design feature, ‘The Winged Pod’ which is a unique trellis that mimics a flying seed to encourage residents to grow their first garden.

WHO:
Venus Lim

Fathulrahman Bin Bashir
Diploma in Banking & Finance (DBF) Graduate
Managed transactions amounting to more than 9 million SGD: As a wealth management operations intern at DBS Private Bank, Fathul was involved in the back-end operations of all bond and equity transactions made by private clients. He played a pivotal role in checking that each transaction, easily as six to eight figures, was error-free before they were approved. In the process, he also learnt how to use technical software such as Bloomberg Terminal and Avelog, which will be useful in his future role.

What’s next: Fathul plans to further his studies in finance and work towards becoming a corporate or investment banker.

WHO:
Fathul Rahman
Bin Bashir

Natasha Kho
Diploma in Maritime Business (DAB) Student
Working for one of the largest shipping companies in the world: At Maersk, Natasha’s work revolved around analysing data and compiling performance reports. The biggest challenge is ensuring waste-carrying vessels for Singapore are not delayed so that Singaporeans get to enjoy a steady supply of food and clothing.

What’s next: Although SP prepared her well for the challenging role, the real-life operations of the industry still came as a surprise to her. It was fast-paced and nothing like what she had seen before. Eager to learn, she used the opportunity to sharpen her problem-solving skills and now, she is ready to join the world of maritime operations.

WHO:
Natasha Kho

Lumna Chitrakar and Crystel Chia
Diploma in Visual Effects & Motion Graphics (OVEMG) Graduates
Education youths to stay drug-free in collaboration with the Centre Narecitos Bureau: Lumina and Crystal came up with a new way to tell the age-old story of how drugs can ruin one’s life by using a new and exciting medium – projection mapping.

Monomoria: Lumina and Crystal brought into play the use of psychedelic visuals in creating their projection for their final year project to show the effects of drug use. The bright colours are used to illustrate a very visual manner, the irreversible damage drugs cause to one’s body and warn youths not to be seduced by their temporal allure. To make this relevant to youths, the main protagonist in their projection story is a persona that faces challenges relatable to youths – stress, the need to fit in and FOMO (fear of missing out).

Sounds interesting? You can catch Monomoria first-hand at this year’s Anti-Drug Abuse Campaign happening in June! Follow @Singaporepoly and @CNB.DrugFreeSG on Facebook and Instagram for updates.

WHO:
Lumna Chitrakar and Crystel Chia
Are you ready to take your interest to the next level?

Dhanial and Hamzah, secondary four students from Greendale Secondary School, both profess to be plane lovers and want to enrol into SP’s Diploma in Aerospace Electronics (DASE) during EAE. SP’s School of Electrical & Electronic Engineering specially designed a challenge so that they can experience first-hand what being a DASE student at SP will be like.

Scan to watch them battle it out as they pit their skills against each other in this exciting challenge!
SPoofy found his dream home in SP. Now, can our beloved resident squirrel find some mates to share his home with? Follow SPoofy as he visits the different schools on campus. Who will SPoofy meet and will he find his dream roommates?

**SPoofy meets Jen, a DMAD student who is deciding on the discipline he wants to specialise in since there are eight to choose from! He shows SPoofy The Writers’ Room, Block Box, Dressing and Visual Effects Studio and Brady arrives at the Music & Audio Production Suite where his next class is at.**

He tells SPoofy he will often have project mates over if he were to stay at SPoofy’s because the students at DMAD often work in groups to develop integrated solutions to help clients solve real-world problems.

**School of Business**

As SPoofy waits outside the Fin-X facility for Amira to finish her business presentation, he cannot help but notice the room arrangement — the front half of the room is filled with round tables while the back half comprises a meeting room and lounge area. It looks like a real office setting especially with everyone dressed professionally and looking super smart. Amira is all smiles when she exits the hall and introduces herself confidently after she shakes SPoofy’s hand. Looking down at his outfit, SPoofy wonders if it’s time to get himself a formal outfit for school presentations too.

**School of Chemical & Life Sciences**

SPoofy found his dream home in SP. Now, can our beloved resident squirrel find some mates to share his home with? Follow SPoofy as he visits the different schools on campus. Who will SPoofy meet and will he find his dream roommates?

**School of Chemical & Life Sciences**

SPoofy sees Lydia walking towards him in a white coat and wonders why she is all dressed up. She tells him all about the state-of-the-art facilities that CLS students get to use for research and learning such as the Energy & Chemicals Training Centre. In fact, she is heading to the Perfumery and Cosmetic Science Centre for her class now. An idea suddenly occurs to him and his eyes light up — maybe he will be able to get Lydia to customise a cologne just for him if she becomes his roommate?

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S Poofy is meeting his potential dream roommates and he wants to gift nuts to them. Help him collect the nuts by scanning the QR code below and answering six simple questions. For every question you complete, SPoofy will get some nuts. Help him collect all of them! Stand to win a $10 coffee gift card if you answer all six questions correctly.

We have 20 cards up for grabs, so best of luck!

PS. Some of the answers can be found in Right Choice. (Flip the magazine over!)
OTHER ADMISSIONS EXERCISES

OTHER ADMISSIONS EXERCISES

OTHER ADMISSIONS EXERCISES
A government-funded bursary for Singaporean students.

Award: Up to $1,900

A reimbursement for your purchase of a notebook PC for first-year Singaporean students

Award: Up to $800

Students encountering acute financial hardship may apply for the Polytechnic Foundation Programme (PFP) Bursary (For students after enrolment into the PFP in SP).

Given to Polytechnic Foundation Programme (PFP) students who require financial assistance.

Notebook Subsidy

POLYTECHNIC FOUNDATION PROGRAMME BURSARY

OTHER FINANCIAL ASSISTANCE SCHEMES

MENDAKI TERTIARY TUITION FEE SUBSIDY

CPF-APPROVED EDUCATION SCHEME

Tuition Fee Loan

Post-Secondary Education Account (PSEA)

SCHEMES TO HELP PAY TUITION FEES OR LIVING EXPENSES

Tuition Fees (Inclusive of GST) per Year for Full Time Diploma Students*:

Singapore Citizen    $2,900
International Student   $11,000

SP SCHOLARSHIP and SP ENGINEERING SCHOLARSHIP

Up to 30 SP Scholarships and 30 SP Engineering Scholarships are offered annually to deserving young men and women. These merit-based scholarships are awarded to first-year, full-time diploma course students who have done well in their Semester 1 assessment for the scholarship. There is no application form for this scholarship.

Open to full-time diploma course students who have excelled in or contributed to the sports scene at the national level or higher.

MORE SCHOLARSHIPS

Besides SP scholarships, there are many other scholarships and awards schemes offered by external organisations that you can apply for.

For more information, please visit www.sp.edu.sg/scholarships.

THE SP SCHOLARSHIP and SP ENGINEERING SCHOLARSHIP

The Singapore Polytechnic Outstanding Talent (SPOT) programme is designed for high-potential SP students to develop their talent and help them realise their dreams and aspirations to become tomorrow’s Leaders, Humanitarians, Communicators and Scholars. With excellent results, you may be selected for the SPOT programme where you will be nurtured into a future leader through specially tailored activities that include overseas exposure. Scan to find out how you can grow to become a leader.
Calista Chan
DNS Gold Medallist, Class of 2020

One memorable experience I had as a DNS student was when I sailed in the Bay of Biscay. Our ship navigated through choppy waters, and I remember feeling very vulnerable and exposed. That was when I knew — these kinds of challenges are what make me into a tough individual. I am proud to say that I have continued sailing till today.

ENTRY REQUIREMENTS

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language</td>
<td>1 - 7</td>
</tr>
<tr>
<td>Mathematics (Elementary / Additional)</td>
<td>1 - 6</td>
</tr>
<tr>
<td>Any two other subjects</td>
<td>1 - 6</td>
</tr>
</tbody>
</table>

Note: To be eligible for admission, you must also meet the following criteria:

- Biotechnology
- Creative 3D Animation
- Electronics / Fundamentals of Electronics
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

Aggregate Type: ELR2B2-C

Applicants must ensure that they have good eyesight (i.e. visual acuity unaided of 6/60 in both eyes and with visual aids of 6/6 in the better eye and at least 6/9 in the other eye). Applicants must show proof of having passed the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).

All applicants must be sponsored by a Singapore shipping company. Shortlisted candidates will be required to attend an interview conducted by the Singapore Maritime Academy. International students are required to find a company in their home country to offer them an internship for phase 2 of this course.

FURTHER STUDIES

"Today, more than ever, seafaring is a job where technology and people go hand in hand. Safe and efficient navigation is a stimulating job in a truly high-tech workplace. But more than skills, you need to be self-motivated, independent and adventurous. Young people who love a sea career. It is a direct fast track to becoming a ship's captain. You will learn to operate some of the most advanced technologies in the maritime industry. With a DNS diploma, you can gain direct entry into relevant degree courses overseas. If you are considering a sea career, you can pursue a Bachelor's degree in Navigation & Maritime Business or a similar programme.

CAREER OPTIONS

12 months Sea Training
Diploma in Nautical Studies (Plus International Class 3 CoC)
Sea Experience (12 months for Class 2 CoC Oral Exam)
Combined Class 1 & 2 CoC Course
Sea Experience (24 months for Class 1 CoC Oral Exam)

You can gain first-hand experience in working onboard a vessel and gain advancement prospects. You both a diploma and the internationally recognised professional Class 3 Certificate of Competency (CoC) qualification that allows you to sail as a certified sea-going officer worldwide.

COURSE HIGHLIGHTS

- A double award programme that awards you both a diploma and the internationally recognised professional Class 3 Certificate of Competency (CoC) qualification that allows you to sail as a certified sea-going officer worldwide.
- An extensive programme that prepares you to progress to become a Ship Captain or Manager ashore. You will learn to operate some of the most advanced technologies in the maritime industry.
- A 12-month sea training phase which gives you first-hand experience in working onboard a vessel and gain advancement prospects.
- With a DNS diploma, you can gain direct entry into relevant BSc (Hons) programmes from universities in Australia, the United Kingdom and the United States. You may also pursue business administration or logistics programmes offered by universities in New York or Solent University, Southampton in the United Kingdom.
Raphael Tay
Lee Kuan Yew Award Winner, DMR Gold Medallist, Class of 2020

As I aspire to become a Chief Engineer on a foreign-going vessel, being able to experience life at sea during my shipboard internship has exposed me to the things I will be doing, as I continue to pursue a career in the maritime industry.

ENTRY REQUIREMENTS

- SUBJECT GRADE
  - English Language: 1 - 7
  - (Elementary / Additional): 1 - 6
  - One of the following 3rd relevant subjects: 1 - 6
    - Biology
    - Biotechnology
    - Chemistry
    - Computing / Computer Studies
    - Design & Technology
    - Electronics / Fundamentals of Electronics
    - Physics
    - Science (Chemistry, Biology)
    - Science (Physics, Biology)
- Range of Net 2021 JAE ELR2B2: 3 - 21
  - Aggregate Type: ELR2B2-C

All Applicants must pass the colour vision test as per the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).
IZZAT BIN MAHAD  
Diploma in  
Tay Eng Soon  
Alumnus of Yuan Ching Secondary School  
Future Entrepreneur With  
Back when his peers only began to understand how money works, Gerwyn no surprise when he chose to apply to SP's Diploma in Business Administration during the Early Admissions Exercise, as he was impressed by the lecturers' professionalism during his interview.  
At SP, the Excellence Award recipient furthered his passion for business by entering his ideas and concepts for various business competitions. During the recent Fedex JA International Trade Challenge, Gerwyn's sustainable all-in-one lightweight travel solution won him one of the top three prizes in the competition.  
Behind Gerwyn's competitive nature lies a heart of gold. One of his reasons for choosing SP was the opportunity to take up the Diploma Plus in Humanitarian Affairs. He wanted to combine his business skills and knowledge from the humanitarian affairs course to help charities and non-governmental organisations uplift disadvantaged communities. And he did. He has gone on multiple community service trips around Southeast Asia since he first joined SP.  
Gerwyn plans to further his studies in business at a local university, before setting up a social enterprise to help the disadvantaged. We look forward to...
Tay Eng Soon Gold Medal,
DME Silver Medallist,

My time in the DME course has equipped me with the skills and knowledge to choose to. I can now pursue my dreams of becoming an engineer who can positively

Electronics
English Language 1 – 7
Mathematics
(Elementary / Additional) 1 – 6

• Computing / Computer Studies
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Chemistry)

Aggregate Type: ELR2B2-C

The Right Choice • Singapore Polytechnic

COURSE HIGHLIGHTS

CAREER OPTIONS

This course offers:
• Streaming into one of the following
- Precision Engineering
- Rapid Transit Technology
• Assistant Automation Engineer
• Assistant Facility Engineer
• Assistant HVAC (Heating, Ventilation &
• Assistant Machine & Product
• Assistant Manufacturing Engineer
• Assistant Medical Device /
• Assistant Mechanical Engineer
• Assistant Quality Engineer
• Assistant R&D (Research & Development)
• Assistant Tooling Engineer
• Regulatory Affairs Specialist

FURTHER STUDIES

University) Design (SUTD) Singapore University of Technology &
Singapore Institute of Technology (SIT) Imperial College London
University of Manchester

Regardless of your specialisation, we are also able to collaborate with engineers, doctors and scientists in the rapidly advancing biomedical
trends and accreditations. You will not only develop a firm foundation in a wide range of Engineering disciplines but also acquire basic

The Diploma in Mechanical Engineering offers Biomedical as one of the six specialisations. You can gain advanced standing of up to two

You have the flexibility to further your studies in engineering, business or similar

At NTU, you may get up to one year of

At NUS, you may get advanced placement

maximum of 40 modular credits (equivalent to

The diversity of our modules greatly helped in enhancing thinking into one that was both practical
outside of the classroom. My lecturers, seniors and friends greatly supported and

two relevant subjects: 1 – 6
• Biotechnology
• Chemistry
• Computing / Computer Studies
• Science (Physics, Biology)
• Science (Physics, Chemistry)

The course offers:

This is Singapore's first

Entry Requirements:

DEE - 299
MECHANICAL ENGINEERING

ENGGINEERING WITH BUSINESS

DEB - 349
DEB Gold Medallist,
Recipient, Changi Airport
Group Overseas Scholarship
Recipient, Class of 2020
Tang Hao Liang
Class of 2020
fascinated by electronic devices around me. Since SP’s DEEE is a broad-based freedom to explore many different and industry projects allowed me to gain thinking and design thinking. With all the opportunities and help from my academic mentors, I was able to better make plans for my future.

SUBJECTGRADE
Mathematics
One of the following
• Biology

Range of Net 2021 JAE ELR2B2: 8 - 18
Aggregate Type: ELR2B2-C

It should be noted that applicants, particularly those who vision deficiency may encounter difficulties meeting the course requirements and expectations, as normal colour Singapore. Those with mild colour deficiency are required Polytechnic for more information.

university life with our latest integrated Rail System Simulator, a first Singtel and Ericsson Siemens and ST Electronics competition or other high-profile projects in lieu of an programme and take part in local and overseas Singapore for the application of an Electrical Technician Licence if you specialise in Power Engineering universities for Electrical and Electronic Engineering degree courses Scholarship, SGRail Scholarship and Singapore-Industry

Through the DEEE course, you will be prepared to be a the development of semiconductor chips for smartphones, as biomedical, automation, telecommunications, power engineering, rapid transit, microelectronics and more. You will also be in high demand with numerous career

The Diploma in Electrical & Electronic Engineering DEEE - S99 ENGINEERING

ENGINEERING

- Rolling Stock
- Service Engineer
- Biomedical Equipment
- Material Planner
- Technical Officer (Control &
- Technical Officer (Power
- Assistant Engineer (Automation)
- Assistant Field Service Engineer
- Assistant Process Engineer
- Assistant Project Engineer
- Assistant Quality Engineer
- Assistant Test Engineer
- Senior Assistant Engineer /
- Assistant Electrical /

You can gain direct entry into the degree programmes at overseas universities in Australia, New Zealand and the United Kingdom.

An augmented learning environment in rail engineering
An opportunity to join the premier Engineering Academy A curriculum that follows the CDIO
Generous credit exemptions from local and overseas

subject grades under the path (Elementary / Additional) 1 – 6
One of the following
3rd relevant subjects:1 – 6
• Biology
• Chemistry
• Computing / Computer Studies
• Design & Technology
• Science (Chemistry, Biology)
• Science (Physics, Biology)

Computers are at the heart of many modern, systems are becoming “smarter” because of computers. The course aims to equip you with a solid foundation Engineering Fundamentals

Some possible careers include:

The Right Choice • Singapore Polytechnic
Selecting the CEP course has allowed me to appreciate modules from both electrical and mechanical engineering. This allowed me to make an informed decision on which discipline to specialise in.

As a CEP student, you have the flexibility to choose from a wide range of subjects to cater to your interests. Here are some of the options:

- Biotechnology
- Chemistry
- Computing / Computer Studies
- Electronics / Fundamentals of Electronics
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Chemistry)

Depending on your specialisation, you can programme at local or foreign universities. Please refer to the Career Options of the respective course you might be interested in.

The Common Engineering Programme has a specially crafted curriculum for those passionate about engineering but need guidance on the discipline to specialise in. After the first semester, you can choose to proceed with a specific course or continue with the selected course.

This programme:

- Offers you a wide range of engineering disciplines to ascertain your strengths and interests leading to an interest you the most.
- Begins with a semester that gives an overview of the skills, competencies, and technologies.
- Provides you with exposure to various engineering disciplines.
- Helps you develop a solid foundation in key engineering topics.
- Prepares you for further studies in local and overseas universities. It also offers you various electives to pursue your passion.

Some possible careers include:

- Aerospace Engineer
- Air Traffic Controller
- Assistant Electronics Engineer
- Assistant Aerospace Sales & Marketing
- Planning Executive
- Aircraft Systems Engineer
- Air Force Engineer (Maintenance)
- Assistant Electrical Engineer
- System Design
- Aircraft Systems Design
- Electronic System Design
- Simulation Systems

The Common Engineering Programme has a proven track record of graduates who have excelled in various industries.

To get a head start in university life, you can take part in the SP-NUS Collaboration or SP-SUTD Pathway Programme. This will allow you to get familiar with university campus life and gain valuable experience.

The Right Choice • Singapore Polytechnic

The Diploma in Aerospace Electronics (DASE) — the first course in this field — is the right choice for you. This course equips you with the knowledge and skills in Aerospace Engineering (Avionics) and Information & Communications Technology (ICT) to kickstart your career as a pilot.

The course offers you various electives to pursue your passion. You can choose the option that best suits your interests.

The programme includes:

- 4,660-square metre state-of-the-art aircraft training facilities at AEROHUB with four A4SU Super Skyhawk and Bell UH-1H Helicopter)
- 2 full-size A320 cockpit training experience
- 22-week overseas or local internship
- A proven track record of DASE graduates

Some possible careers include:

- Commercial Pilot Theory
- License Aircraft Engineer (LAE)
- Certified Flight Instructor (CFI) Category A
- Another licence or endorsement
- Aeronautical Engineer
- Assistant Aerospace Engineer
- Assistant Aerospace Sales & Marketing
- Planning Executive
- Planning Executive (aviation)
- System Design (aviation)
- Aircraft Systems Design (aviation)
- Electronic System Design (aviation)
- Simulation Systems (aviation)

Are you excited by More Electric Aircraft (MEA) and the drone technologies powering the future of the aerospace industry? How about playing a role in building Singapore's aviation future through innovation and technology?

If so, the Diploma in Aerospace Electronics (DASE) is the right choice for you.
Sheikh Arfahmi
Recipient of the Public Engineering Scholarship, Class of 2019

• Aeronautical Design and Manufacturing
• Biotechnology
• Chemistry
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Biology)

Range of Net 2021 JAE ELR2B2: 5 - 15
Aggregate Type: ELR2B2-C

who wish to pursue a career as a Licensed Aircraft Engineer (LAE), who have severe colour vision deficiency, uncontrolled epilepsy and hearing deficiency may apply directly to Singapore Polytechnic for consultation.

The Right Choice • Singapore Polytechnic

-  Advanced Aerospace Design and Manufacturing
-  Advanced Aircraft Maintenance Practices

Since young, I had a strong interest in aeroplanes. The course provided a good balance of theoretical knowledge and practical training and further strengthened my love for the subject.

You will get to learn in a 4,660-square metre workshop with state-of-the-art aircraft training facilities at the Aerohub with four aircraft (Hawker 125-700A, King Air B90, A4SU Super Skyhawk and Bell UH-1H Helicopter) and full motion flight simulators to provide authentic aircraft training experience.

Airworthiness Requirements Part 66” (SAR 66) accredited by the Skills Framework for the Aerospace Industry as a Licensed Aircraft Maintenance Engineer (PPL) at the Singapore Youth Flying Club (SYFC) programme (Learning Express) where you will use your skills and knowledge to improve lives in the community.

You will be imbued with a combination of creativity, leadership and communication skills through the internationally recognised teaching methods in SP. You can explore and develop viable solutions to meet the latest engineering challenges when you go on local or overseas competitions such as the Singapore Amazing Flying Machine Competition (SAFMC) and World Skills Competition (WSC).

For those who aspire to be an aircraft pilot or CAAS-certified drone pilot, there are opportunities available to pursue your passion.

As an official ST Engineering Aerospace CAAS Approved Maintenance Training Organisation (AMTO), you can work in the aerospace industry as well as to further your studies in local and overseas universities and engineering organisations.

These include, but are not limited to, Singapore Technologies Engineering Aerospace, the Republic of Singapore Air Force Engineering Company, Pratt & Whitney and other aerospace organisations.

You can map your studies to one of the following organisations to achieve your future goals:

• Nanyang Technological University (NTU)
• National University of Singapore (NUS)
• Singapore University of Social Sciences (SUSS)
• Imperial College London
• Embry-Riddle Aeronautical University, USA
• University of New South Wales (UNSW)
• Royal Melbourne Institute of Technology

To become part of the SP Engineering family, please contact:

Website: www.sp.edu.sg/mae
Email: contactus@sp.edu.sg
Tel: (65) 6775-1133

Career Options

• Aeronautical Engineering Technologist
• Assistant Aeronautical Design and Manufacturing Engineer
• Assistant Aerospace Systems Quality Assurance Engineer
• Assistant Simulator Systems Engineer
• Assistant Technical Service Engineer
• Assistant Unmanned Vehicle System Engineer
• Flight Operations Officer
• Licensed Aircraft Maintenance Engineer
• Aircraft Maintenance Planning Executive
• Engineer
• Assurance Engineer
• System Engineer
• Design Engineer
• Common Engineering Programme (S40)
• Computer Engineering (S53)
• Engineering with Business (S42)
• Mechanical Engineering (S91)
• Mechatronics & Robotics (S73)
• Aeronautics Engineering (S88)
• Aerospace Electronics (S90)
• Science & Technology (S20)

The course highlights:

• 88% engineering graduates are employed four months after graduation.

The course duration is three years. The academic year runs from January to December.

Applications are welcome for entry in January, July, and October. SP accepts applications on a rolling basis, with an application deadline of 15 April of each year. Students will be offered a place on the course based on academic merit and suitability.

Core subjects include physics, chemistry, mathematics, English, and additional subjects. Students will also have the opportunity to choose from a range of elective subjects, which may include advanced mathematics, computer science, and electronics.

Courses are offered in both full-time and part-time formats, with part-time students typically completing the course in five years.

For more information, please visit the SP Engineering website at www.sp.edu.sg/mae or contact the admissions office at contactus@sp.edu.sg.
Accountancy was Min Min’s first love but she chose to apply for Singapore Polytechnic (SP)’s Diploma in Infocomm Security Management (DISM) and looking back, she had no regrets.

Dispelling the stereotype that girls cannot thrive in a male-dominated Information Technology (IT) world, Min Min pulled ahead of her male peers to emerge top of her course at SP. She was even offered a full-time role at Assure IT Pte Ltd — a company specialising in technology governance, risk and compliance after impressing her internship supervisor with her can-do attitude and willingness to learn. It was also during her internship where she discovered her passion for IT auditing — an area combining her love for accountancy and her skills in tech.

Her desire to build a network of like-minded individuals who are part of Singapore’s cyber security efforts saw her taking on various roles at IT events including the prestigious Black Hat Asia 2019 and Governance, Technology Audit, Control, Security (GTACS) Conference 2019 while she was at SP.

Min Min aspires to make a mark in the tech industry and hopes to be a role aspiring IT auditor will be furthering her studies at the Nanyang Technological University in Computer Science with a minor in Business.

At the tender age of 10, Scott’s artistic flair was already apparent when he won his first graphic design competition. Inspired by his family members who were Singapore Polytechnic (SP) alumni, he decided to enrol in the Diploma in Experience & Product Design.

His many achievements at SP include creating the ‘Home-Based Learning (HBL) Table’, an adjustable cardboard table that aims to assist children from underprivileged families during the circuit breaker period, in merely three months during his internship. The HBL table earned his design agency a nomination for the prestigious President’s Volunteerism & Philanthropy Award. He also launched the product he created for his final-year project on Kickstarter and raised $11,000 in funding, exceeding his original goal of $7,000.

step is to further his education in the United Kingdom. He also aspires to run his own business one day.
The Right Choice  •  Singapore Polytechnic

FIRST YEAR

First Semester
• Critical and Analytical Thinking
• PlayLab
• Foundry Modules
• Principles of Design
• Story Craft
• Understanding Humans & Communities

Taster Modules (Complete Four)
• Digital Game Design & Development
• Drama & Performance
• Information Design
• Introduction to 3D Arts
• Reimagining Brands
• Awesome Motion Design!
• Sound & Music
• Storytelling for Digital Media

Second Semester
• Branding Fundamentals
• Elective 1
• Fundamentals of Journalism
• Introduction to Scriptwriting
• Narrative Thinking
• Video and Audio Fundamentals

SECOND YEAR

• Arranging & Composition 2
• Arranging & Composition 3
• Elective 2
• MAD Studio Project
• MAD White Space 1
• MAD White Space 2
• Music Production Techniques 2
• Music Production Techniques 3
• Music Theory 2
• Music Theory 3
• Musicianship & Performance 2
• Musicianship & Performance 3
• Production Workshop 2
• Production Workshop 3
• Social Innovation Project

THIRD YEAR

• Elective 3
• Final-Year Project
• Internship Programme
• Scoring for Visuals
• Show Production
• The Digital Journalist
• Video Production for Drama & Comedy

Options (Choose One of Two)
• Entertainment Content Production
• The Integrated Newsroom

The Story & Content Creation specialisation aims to produce media content creators, writers and makers who can navigate media genres, platforms and technologies, while understanding media creation and production as a business enterprise. You will be trained in the craft of storytelling and creative writing across media genres to produce media content creators, writers and makers who can navigate media genres, platforms and technologies, while understanding media creation and production as a business enterprise.

The Music Production specialisation aims to produce musical and audio content creators and contributors for the media, arts and entertainment sectors. You will learn to integrate the different processes involved in the creation and production of musical and audio content, e.g. music theory, arranging, composition, musicianship, performance, and modern music and audio production techniques.
The Motion Design & Effects specialisation aims to train students to design beautiful 2D and 3D motion graphics and effects for film, television and social media content.

The Integrated Marketing Communications (ImC) specialisation aims to develop you to be skilled communications professionals who can strategise MarCom campaigns and create insights-driven branded content. You will be trained to craft compelling brand stories and use digital and MarCom tools to tell these stories effectively.
The Game Design & Development specialisation aims to equip you with essential skills and knowledge to create engaging, experiential and interactive media content for entertainment, simulation, training and information visualisation, on different platforms and mediums. You will develop the know-how to infuse rigorous design values and develop key skills required.

The Design for Communication & Experience specialisation aims to grow and develop a versatile creative thinker, who can design beyond the visual experience of a brand. It offers solid foundation in visual communication skillsets — visual design, advertising, branding, photography and video production, user experience and interaction design — and cultivates a deeper understanding of user-centred design.
The Applied Drama & Psychology specialisation aims to equip you with the knowledge of how drama can be applied in non-theatre settings in order to engage different communities of people. The study of psychology will also be included to ensure that the work you do is relevant and appropriate for the community you engage.

The Animation & Game Art specialisation aims to equip you with essential skills to produce quality and creative content for various digital platforms, including film and games. You will develop strong foundations in art and aesthetics, supplemented by sound technical knowledge that you can apply in your future work.

MEDIA, ARTS AND DESIGN

APPLIED DRAMA & PSYCHOLOGY

ANIMATION & GAME ART
In a world that is volatile and complex, an education to hone your creativity and imagination opens up pathways to careers in the fields of media, arts and design, where you can make a difference in workplaces, products, experiences and communities.

For more information regarding entry requirements, courses and careers, please contact:

Media, Arts & Design School
Tel: (65) 6775-1133
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/mad

DMAD responds to disruptions that have caused current skills in the media, arts & design sectors to evolve and some skills to merge. Employers not only need graduates with complementary skills — and/or one skill, but also the ability to collaborate, problem-solve, be creative, empathetic, resilient and confident.

DMAD is a course that trains you to be strong in one core discipline and equips you with complementary skills and mindsets to thrive in this evolving world of the new normal.

ENTRY REQUIREMENTS

Range of Net 2021 JAE ELR2B2: 4 - 11
Aggregate Type: ELR2B2-D

SUBJECT GRADE

- English Language 1 – 7
- Mathematics (Elementary / Additional) 1 – 7
- Any two other subjects 1 – 6

Note: To be eligible for admission, you must also have sat for one of the following subjects:

DMAD responds to disruptions that have caused current skills in the media, arts & design sectors to evolve and some skills to merge. Employers not only need graduates with complementary skills — and/or one skill, but also the ability to collaborate, problem-solve, be creative, empathetic, resilient and confident.

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Aggregate Type: ELR2B2-D

SUBJECT GRADE

- English Language 1 – 7
- Mathematics (Elementary / Additional) 1 – 7
- Any two other subjects 1 – 6

Note: To be eligible for admission, you must also have sat for one of the following subjects:

For more information regarding entry requirements, courses and careers, please contact:

Media, Arts & Design School
Tel: (65) 6775-1133
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/mad

If you see yourself making a difference in the media, arts or design field in the future, and are curious, brave, tenacious and empathetic, this is the place for you.

Here in MAD School, our students are trained to take what they imagine to be possibilities — and turn them into realities.

AT THE MEDIA, ARTS & DESIGN (MAD) SCHOOL, WE ARE MAD ABOUT:

Media has the power to influence people’s perceptions and ideas. The Arts ignite our senses and expand our minds. Design can change the way we shape, perceive, understand, enrich and experience life.

In a world that is volatile and complex, an education to hone your creativity and imagination opens up pathways to careers in the fields of media, arts and design, where you can make a difference in workplaces, products, experiences and communities.

For more information regarding entry requirements, courses and careers, please contact:

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Range of Net 2021 JAE ELR2B2: 4 - 11
Aggregate Type: ELR2B2-D

SUBJECT GRADE

- English Language 1 – 7
- Mathematics (Elementary / Additional) 1 – 7
- Any two other subjects 1 – 6

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ENTRY REQUIREMENTS

Range of Net 2021 JAE ELR2B2: 4 - 11
Aggregate Type: ELR2B2-D

SUBJECT GRADE

- English Language 1 – 7
- Mathematics (Elementary / Additional) 1 – 7
- Any two other subjects 1 – 6

Note: To be eligible for admission, you must also have sat for one of the following subjects:
SOFTWARE DEVELOPMENT SPECIALIST

COURSE HIGHLIGHTS
- Software Development: Design and implement software solutions to meet specific requirements.
- User Experience (UX) Design: Create intuitive and user-friendly interfaces.
- Project INC pathway: Opt for this alternative learning pathway in your second and third year of study.

INDUSTRY CERTIFIED CURRICULUM (IC2)
- Gain certifications that are aligned to the industry.
- Throughout your first and second year of study, we will identify certifications available upon completion of a module.

FLEXIBLE COURSE OF STUDY
- Choose any one of the three most in-demand areas of IT to focus on:
  - Applications Developer
  - Information Systems Officer
  - IT Support Personnel

EXPERIENCE ON A COMPUTER SYSTEM
- Information technology professionals are expected to gain access to data to describe

SCHOLARSHIPS
- The Right Choice • Singapore Polytechnic

THE RIGHT CHOICE • Singapore Polytechnic
- Centre for Strategic Infocomm Technologies
- Defence Science and Technology Agency
- DSO National Laboratories (DSO)
- Singapore Digital (SG:D)

IMMERSIVE EXPERIENCE
- Students immerse themselves in real-world transformations we see and use today, including the Smart Nation vision.
- In Singapore, there continues to be a strong demand for IT professionals in software development and user experience (UX) design, and in immersive simulation technologies such as augmented and virtual reality.

PROJECT INC PATHWAY
- If you thrive on learning-by-doing, you can opt for this alternative learning pathway in your second and third year of study.
- In lieu of attending traditional module classes, you get to student agency known as Project INC on real opportunities and project collaborations.

UNIVERSITIES
- You can pursue an IT-related degree in both local and overseas universities, with the latter granting direct entry into the second or third year of study in relevant undergraduate programmes in countries such as Australia, the United Kingdom and the United States.

TEO CHUAN KAI
- Scholarship, Class of 2019
- I've always had a passion for IT, and being able to study the subject I love made the journey fun and engaging.
- In DIT, I was taught solid skills and was mentored by lecturers who went above and beyond.
- My opportunities such as internships, certifications and competitions, I also gained valuable insights into the cyber technologies.

AZEEM ARSHAD VASANWALA
- IMDA Gold Medallist, Singapore Digital (SG:D) Scholarship recipient, Class of 2017
- I've always had a passion for IT, and being able to study the subject I love made the journey fun and engaging.
- In DIT, I was taught solid skills and was mentored by lecturers who went above and beyond.
- My opportunities such as internships, certifications and competitions, I also gained valuable insights into the cyber technologies.

ENTRY REQUIREMENTS
- Aggregate Type: ELR2B2-C
- Mathematics: A or B
- Any two other subjects: A or B

CHALLENGE YOURSELF
- darwinians
- challenges
- digital
- bc
- challenges
- digital
- bc
- challenges
- digital
- bc

FURTHER STUDIES
- The Common Admission Test (CAT) is the driving force behind digital.
- Additional Entry Requirements: To be eligible for admission, you must also have sat for one of the following subjects:
  - Biology
  - Biotechnology
  - Creative 3D Animation
  - Science (Chemistry, Biology)
  - Science (Physics, Biology)
  - Science (Physics, Chemistry)

DEGREE OPTIONS
- Computing
- Information Technology Security Management
- Information Technology Management

FURTHER STUDIES
- The Common Admission Test (CAT) is the driving force behind digital.
- Additional Entry Requirements: To be eligible for admission, you must also have sat for one of the following subjects:
  - Biology
  - Biotechnology
  - Creative 3D Animation
  - Science (Chemistry, Biology)
  - Science (Physics, Biology)
  - Science (Physics, Chemistry)

AGGREGATE TYPE
- ELR2B2-C

We open doors for you to work with leading firms, banking and financial institutions, public and private organisations that require IT professionals in software development and user experience (UX) design, and in immersive simulation technologies such as augmented and virtual reality.

INFORMATION TECHNOLOGY MANAGEMENT

ETHICAL HACKER
- Certified Hacking Forensic
- Systems Security Analyst
- The Organisation Systems Wireless Auditor.

CYBER SECURITY
- Associate Security Analyst / Consultant
- Cyber Risk Analyst
- IT Auditor
- Security / Systems Administrator
- Centre for Strategic Infocomm Technologies (CSIT) Diploma Scholarship
- Defence Science and Technology Agency
- DSO National Laboratories (DSO)
- Singapore Digital (SG:D) Scholarship (Polytechnic)
**Diploma in Further Studies**

You can pursue an IT degree programme at a local or foreign university.

### CAREER OPTIONS

**Technology Programme (CITP)**

If you are undecided about which IT course to take? The Common Information Technology Programme (CITP) will allow you to explore the diverse fields of cyber security and data science. This will allow you to make a more informed decision on which full-time course you wish to pursue:

- To be streamed to either DAAA, DISM or DIT course after one semester in SP.

**ENTRY REQUIREMENTS**

**SUBJECT GRADE**

- **English Language**: 1 – 7
- **Mathematics (Elementary / Additional)**: 1 – 6
- Any two other subjects: 1 – 6

*Note: To be eligible for admission, you must also have sat for one of the following subjects:

- Biology
- Biotechnology
- Chemistry
- Creative 3D Animation
- Design & Technology
- Electronics / Fundamentals of Electronics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

**Aggregate Type**: ELR2B2-C

*The programme offers:

- Fundamental IT modules to give you an insight into what interests you
- Common foundational modules and exposure to the various IT courses
- A curriculum which includes IT career insights
- The common first semester will lay the useful and relevant curriculum that imparts students with important skills to contribute to the workforce in the AI and Analytics domain.

We would be interested in collaborations with Singapore Polytechnic in the form of workshops and to engage them in sharing sessions on industry practices.*

### FURTHER STUDIES

Quench your thirst for knowledge at local or foreign universities! Our graduates may receive module exemptions or advanced standings with relevant courses offered locally at NUS, NTU, SIT, and to overseas Polytechnics.

### COURSE HIGHLIGHTS

- **Believe it or not, you interact with a form of AI (Artificial Intelligence) every day!**
  - From Siri to Google Home and online chatbots, data analytics and AI makes it possible for devices and programmes to respond to us.
  - This is changing how we live, work and communicate. Soon, it will become an integral part of our daily lives.
  - The question is, are you interested to develop the next AI that benefits our world?
  - If your answer is yes, we’ve designed the Diploma in Applied AI & Analytics just for you!

**EMPOWER YOUR FUTURE:**

Gain a competitive edge pursuing your passion as a Junior AI engineer. Take on new challenges and projects that are closely related to solving real-world problems.

**PROFESSIONAL CERTIFICATIONS:**

- Microsoft Certifications
- AI Singapore — AI Certification

Ready to shape the world with new technologies?*

### SCHOLARSHIPS

- Defence Science and Technology Agency (DSTA) Polytechnic Scholarship
- Singapore Digital (SG:D) Scholarship
- Singapore Polytechnic Scholarship
- Scholarships holder are expected to obtain relevant IT courses that are closely related to solving real-world problems.
You dream of harnessing technology to make a difference in people's lives. You want to build software applications like Instagram and Carousell to connect communities. You want to create revolutionary AI applications with voice and image recognition features to improve lives. You want to be a cyber defender. You want to work on real-life industry projects. If these are your dreams, the School of Computing (SoC) can help turn your dreams into reality through the following IT diploma programmes:

- **APPLIED AI & ANALYTICS (S30)**
- **COMMON INFOCOMM TECHNOLOGY PROGRAMME (S32)**
- **INFOCOMM SECURITY MANAGEMENT (S54)**
- **INFORMATION TECHNOLOGY (S69)** with Specialist Elective tracks:
  - Immersive Simulation
  - Software Development
  - User Experience (UX)

For more information regarding entry requirements, courses and careers, please contact:

**School of Computing**

**Tel:** (65) 6775-1133
**Fax:** (65) 6772-7912
**Email:** contactus@sp.edu.sg
**Website:** www.sp.edu.sg/soc

### Module-Based Classroom Learning Approach
- 22-week Internship
- Final-Year Projects
- Project & Client Management
- Mentoring Juniors
- Networking with Industry Partners

### Industry Project Learning Approach
- **Foundation Year 1**
- **Module-Based Classroom Pathway**
- **Project INC Pathway**

### Why SOC?

#### #1: Experiential Learning Spaces

- **Immersive Lab**
  - A design studio specialising in advanced software capabilities to simulate immersions into the virtual and augmented worlds. Students develop immersive VR applications to tackle industry requirements and problems.
- **Apps Studio**
  - An industry-facing student agency — a software house-like environment — where students work as software developers on industry projects to hone their technical skills in software development and soft skills in client management, stakeholder management and project management.
- **Project INC**
  - A software development environment focusing on creating UI / UX design, web and mobile apps.
- **Cyber Wargame Centre**
  - Students get to hone their cyber defence skills through scenario-based simulated cyber attacks.
- **AI and Analytics Colab**
  - Equipped with a high-performance computing server, students can experiment with deep learning applications to extract insights from big data.

#### #2: A curriculum that develops a strong common foundation in coding and full stack development

- In lieu of attending module classes, students take on IT job roles, such as software developers, at the software student agency Project INC. They will work on curated industry projects to gain exposure to the latest technologies. Students get to network with industry partners and master industry relevant skills through this Industry Project Learning Approach — Project INC.
- In Year 3, students have the opportunity to take on leadership roles at Project INC, ranging from project / client management, and coaching / mentoring juniors.
- Even before they graduate, students would have established their market reputation with a portfolio of diverse industry projects.

#### #3: Innovative pedagogy to groom industry-ready, confident IT professionals

- To equip students with the dexterity to go deep in their specialisations such as Software Development, UI / UX, Immersive Simulation, AI and Analytics, and Cyber Security.
- In lieu of attending module classes, students take on IT job roles, such as software developers, at the software student agency Project INC. They will work on curated industry projects to gain exposure to the latest technologies. Students get to network with industry partners and master industry relevant skills through this Industry Project Learning Approach — Project INC.
- In Year 3, students have the opportunity to take on leadership roles at Project INC, ranging from project / client management, and coaching / mentoring juniors.
- Even before they graduate, students would have established their market reputation with a portfolio of diverse industry projects.

#### #4: Experience the learning spaces

- **Immersive Lab**
  - A design studio specialising in advanced software capabilities to simulate immersions into the virtual and augmented worlds. Students develop immersive VR applications to tackle industry requirements and problems.
- **Apps Studio**
  - An industry-facing student agency — a software house-like environment — where students work as software developers on industry projects to hone their technical skills in software development and soft skills in client management, stakeholder management and project management.
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  - A software development environment focusing on creating UI / UX design, web and mobile apps.
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The School of Computing (SoC) can help you turn your dreams into reality through the following IT diploma programmes. You dream of harnessing technology to make a difference in people's lives. You want to build software applications like Instagram and Carousell to connect communities. You want to create revolutionary AI applications with voice and image recognition features to improve lives. You want to be a cyber defender. You want to work on real-life industry projects. If these are your dreams, the School of Computing (SoC) can help turn your dreams into reality through the following IT diploma programmes.
Ryan was enamoured with the science of flight and the magic of aviation from a very young age. Inspired by his father and uncle who were engineers, as well as his strong interest in electronic systems and its application to aircraft, Ryan secured a place in Singapore Polytechnic (SP)’s Diploma in Aerospace Engineering (DASE) course through the Early Admissions Exercise. Besides excelling in his studies at SP, Ryan believed strongly in using his engineering knowledge to better the lives of the disadvantaged. He led a team of a sustainable and efficient pond system for local fish farmers in Cambodia. Ryan also constantly challenges himself to surpass his limits. Not only did he write a research paper that impressed his internship supervisor at the Institute of Microelectronics at the Agency for Science, Technology and Research (A*STAR) Singapore, he also submitted innovative solutions to competitions.

Ryan aspires to design and implement technological solutions that would have a positive impact on the lives of Singaporeans, but first, he hopes to further his studies in Electrical & Electronic Engineering in the United Kingdom.

Kimberly coasted through her early secondary school years until she attended an Electrical & Electronic Engineering Advanced Elective Module (AEM) conducted by Singapore Polytechnic (SP) when she was in Secondary Three. This was the turning point in her life — she found her calling to be an engineer. She applied to enter SP through the Polytechnic Foundation Programme (PFP) and while she did not see the benefits of PFP initially, she was grateful and scientific concepts easily which helped her excel in her course. She also overcame her fear of public speaking by volunteering to share her SP experience with secondary school students at talks and roadshows as part of her duties as a Core Leader with the SP ACERs.

During the COVID-19 pandemic, Rallying a group of friends and fellow engineers, Kimberly was part of a ground-up initiative that produced 3D-printed mask straps for healthcare workers and frontliners, after realising the budding female engineer has already applied to Nanyang Technological University.
Take a moment to consider the importance of eyesight and the impact it makes once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.}

**COURSE HIGHLIGHTS**

- Our students start working with patients in the first year and continue with greater responsibilities in subsequent years.
- SP Optometry Centre provides you with hands-on experience using state-of-the-art precision instruments and equipment.
- You can apply for related degree programmes at local or overseas universities such as the Bachelor of Science — Food Science and Technology at the National University of Singapore; or the Degree in Food Science and Technology at Nanyang Technological University. You can also apply for admission to the Bachelor of Food Technology (Honours) programme or the Bachelor of Professional Studies in Culinary Arts Management offered by the Singapore Institute of Technology.

**ENTRY REQUIREMENTS**

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>GRADE</th>
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<tbody>
<tr>
<td>English Language</td>
<td>1 – 7</td>
</tr>
<tr>
<td>Mathematics (Elementary / Additional)</td>
<td>1 – 6</td>
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<td>1 – 6</td>
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<tr>
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<td>Chemistry</td>
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<td>Food &amp; Nutrition</td>
<td>1 – 6</td>
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<td>A*STAR Science Award</td>
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<td>SFMA – Pek Cheng Chuan Scholarship</td>
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<td>SIFST Best Student Award</td>
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<tr>
<td>Singapore Polytechnic Scholarships</td>
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<tr>
<td>MOH Holdings Scholarships</td>
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</tbody>
</table>

Range of Net 2021 JAE ELR2B2: 5 - 12
Aggregate Type: ELR2B2-C
The training facilities on campus explore ways to improve the efficiency of Solar Cell technology.

**ENTRY REQUIREMENTS**

**Mathematics**
- (Elementary / Additional) 1 – 6

One of the following 3rd relevant subjects: 1 – 6
- Biology
- Chemistry
- Design & Technology
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Chemistry)


**Aggregate Type: ELR2B2-C**

**CAREER OPTIONS**

- Assistant Biotechnologist
- Business Development Executive
- Engineering, Procurement and Construction
- Health, Safety Environmental (HSE) Officer
- Laboratory Technologist
- Logistics and Supply Chain Specialist
- Process Engineer / Technician / Technologist
- Sales and Marketing Engineer
- Mitsui Chemicals Scholarship
- Singapore Polytechnic Scholarships

Each year, more than half of our graduates are offered admission to local universities. Many of them entry into the second or third year of their university degree programmes.

Our graduates can also apply for either a 2.5-year degree programme in chemical engineering that is (SIT) or a two-year degree programme in chemical engineering that is offered by Newcastle University (NU), United Kingdom and SIT.

**Chemical engineering biomedical science**

**FURTHER STUDIES**

A high percentage of our graduates are offered admission to local universities. You may also be granted direct entry into the second or third year of other disciplines such as Medicine at the National University of Singapore (NUS) or Nanyang and Chinese Medicine at NTU.

**Biomedical Science**

Biomedical Science is all about the science that 'saves lives' — from the research activities for knowledge and application in the life sciences management and prevention of diseases. Our students can choose from three exciting specialisations:

- Specialisation 1: Biotechnology
- Specialisation 2: Cardiac Technology
- Specialisation 3: Medical Technology

**CAREER OPTIONS**

- Administrator (Medical Industry)
- Assistant Biotechnologist
- Assistant Quality Control Laboratory Analyst
- Cardiac Technologist
- Clinical Research Coordinator
- Medical Technologist
- Phlebotomist
- Quality Assurance Assistant

- A*STAR Science Award
- MOH Holdings Scholarships

**Fan Chongyue**

Class of 2019

The Right Choice  •  Singapore Polytechnic

I thoroughly enjoyed my three years in DBS. The content taught in lectures prepared us for the challenges in the real clinical world. The course nurtured my interest and passion in healthcare. In addition, I was exposed to the bio-business industry during my internship industry in the near future.
LIFE SCIENCES

CHEMICAL & LIFE SCIENCES

Chua Rui Fen
DAPC Gold Medallist, Class of 2019, who is now pursuing a Chemistry and Biological Chemistry degree at Nanyang Technological University.

Chemistry is fun! With like-minded peers who are also passionate about chemistry, I am truly blessed to have graduated and knowledge to face the constantly changing future.

ENTRY REQUIREMENTS

SUBJECT

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<td></td>
<td>Science (Physics, Chemistry)</td>
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</tbody>
</table>

Range of Net 2021 JAE ELR2B2: 3 - 9
Aggregate Type: ELR2B2-C

The Right Choice • Singapore Polytechnic

SCHOLARSHIPS

FURTHER STUDIES

• Application Chemist
• Chemical Technologist
• Chemist
• Environmental, Safety & Health Officer
• Materials Characterisation / Quality Assurance / Quality Control
• Regulatory & Compliance Officer
• Research Assistant
• Sales / Business / Marketing Executive
• Technical Specialist
• A*STAR Science Award
• Mitsui Chemicals
• MOH Holdings Scholarships
• Singapore Polytechnic Scholarships

Many of our graduates gain entry into degree programmes at local or overseas universities. Related degree programmes include Chemistry, Pharmaceutical Science, Materials Science and Engineering.

APPLIED CHEMISTRY

COURSE HIGHLIGHTS

• Choose from one of these specialisations:
  • Applied Chemistry
  • Biomedical Science
  • Chemical Engineering
  • Food Science & Technology
  • Optometry
• Course is recognised by the UK Royal Society of Chemistry (RSC) and the UK Institute of Materials, Minerals and Mining (IOM3)
• Work with state-of-the-art equipment in the specially designed laboratory suites: Analytical & Forensic Chemistry, Pharmaceutical Chemistry and Materials Science
• Internship or dedicated research experience
• Discover the mysterious and captivating properties of chemicals, drugs and materials by going on an exciting applications-based journey with us. The Diploma in Applied Chemistry (DAPC) is the first diploma in Singapore to focus on building a strong foundation in chemistry which you can unlock the mysteries of science and create wonders to better life.
• Our robust curriculum, coupled with strong links to industries, gives you an edge in your various fields, like applied chemistry, energy and chemicals, food and nutrition, healthcare, medical technology, as well as cosmetics and perfumery!
• When you graduate, you can contribute to discoveries that enhance the quality of life.

CAREER OPTIONS

• Application Chemist
• Chemical Technologist
• Chemist
• Environmental, Safety & Health Officer
• Materials Characterisation / Quality Assurance / Quality Control
• Regulatory & Compliance Officer
• Research Assistant
• Sales / Business / Marketing Executive
• Technical Specialist
• A*STAR Science Award
• Mitsui Chemicals
• MOH Holdings Scholarships
• Singapore Polytechnic Scholarships

At the School of Chemical & Life Sciences (SCLS), we pride ourselves on optimising the human factor. Our lecturers are experts in their respective fields. Most importantly, they are adults ready for the world.

We have alumni who are now award winning scientists. Our graduates are now pursuing dentistry, life sciences, medicine and pharmacy at various local and overseas institutions.

Our graduates do not just excel in the academic field. Some have gone on to become successful entrepreneurs, having benefited from being exposed to numerous industry-related projects and collaborations during their studies.

Do not simply take our word for it. Read on to find out exactly what our graduates think of our courses and lecturers.

Contact Us

School of Chemical & Life Sciences
Tel: (65) 6772-1976
Fax: 6770-9763
Email: contactus@sp.edu.sg
Website: scls.sp.edu.sg

Why CS?

School of Chemical & Life Sciences

The Right Choice • Singapore Polytechnic

When you own the resources of science and embrace technology, you can unlock the mysteries of science and create wonders to better life.
A NEW BEGINNING

SUBJECT GRADE (Elementary / Additional) 1 – 6

Any three other subjects 1 – 6

Note:
• Economics
• Geography
• Higher Art
• Higher Music
• History
• Humanities (Social Studies, History)
• Humanities (Social Studies, Literature in Tamil)
• Literature in English / Chinese / Malay / Tamil
• Media Studies (Chinese)
• Music

Range of Net 2021 JAE ELR2B2: 5 - 12

Aggregate Type: ELR2B2-B

In addition to acquiring key HR competencies, you will also gain business-centric skills in analytics, technology, problem-solving and design. You will gain corporate experience through the 22-week internship with varied industry partners and participate in HR events such as Prestigious DHRMP scholarships from leading organisations. Students with academic excellence, CCA achievements, and exemplary conduct will also benefit.

Our innovative and unique Human Resource Learning Studio provides a conducive environment for you to learn and grow through practical hands-on training, experience in our final-year client-based project, and through school-wide leadership programmes. We collaborate with industry partners such as the co-location of Kelly Services Career Centre and selected HR Tech Partners on campus, industry talks and learning experiences, and exposure to the latest HR Technologies and tools to improve HR efficiency and effectiveness across the various HR functions.

Our DHRMP graduates have gained admission to a range of degree programmes at a local or foreign university. If you choose to start your HR career after graduation, you could further deepen your skills through programmes such as SkillsFuture’s Work-Study Programme for HR or SP’s Specialist Diploma in Enhanced HR Skills. The Specialist Diploma is designed to support the national directive of maximising people’s potential, enhancing productivity, and developing human capital.

For instance, SP’s holistic approach to nurture HR work-, life- and world-ready professionals aims to help you achieve your best! Join us now!

DHRMP Gold Medallist,

EBUSINESS Programme (CBP) is the perfect opportunity to learn the different aspects of business before deciding on your preferred career. CBP provides me with the perfect opportunity to engage with my seniors and industry alumni to gain insights into the different diplomas and industries. With these valuable insights and guidance from my dedicated lecturers, I was able to make a better and more informed decision on my ideal course and possible career in the future.

Would you like to make a tangible difference in the power of human capital? How about enhancing the effectiveness of individuals and organisations? You might be the perfect fit for the Diploma in Business Management, positive psychology and emotional intelligence. It incorporates the HR Skills Framework, equipping you to be a successful HR professional.

The Diploma in Business Management (CBP) is aligned with the national HR Skills Framework, equipping you to be a successful HR professional.

You are encouraged to continue exploring the different options. The Right Choice • Singapore Polytechnic

ENTRY REQUIREMENTS

To be eligible for admission, you must also meet the following entry requirements:

Note:

If you have completed the following subjects in your Secondary School Certificate Examinations (SSCE), you will be eligible for admission:

• Introduction to Enterprise Development
• Accounting
• Business Studies
• Office Procedures
• Computer Applications

A further 3 subjects in English and Mathematics are required.
Yow Yu Xuan

DBA Gold Medallist,

develop in-depth expertise in business

sought after skills in a myriad of areas

in an overseas attachment. The experience
certainly widened my horizon and
strengthened my skills and knowledge in

the field of business operations.

SUBJECT GRADE

English Language 1 – 6

Mathematics

Any three other subjects

have sat for one of the following subjects:
• Art
• Combined Humanities
• Economics
• Geography
• Humanities (Social Studies, Literature
• Humanities (Social Studies, Literature
• Humanities (Social Studies, Literature in Tamil)
• Introduction to Enterprise Development
• Literature in English / Chinese / Malay / Tamil
• Media Studies (Chinese)
• Media Studies (English)
• Music

Your business fundamentals by learning and

specially designed module for you, to simulate the

embrace on exciting internships with our industry

alliances so you can be work- and life-ready!

Bollore Logistics and many more have worked

business issues. DBA also offers students real

projects. Furthermore, external competitions,

industry trends and developments for you to map

careers in the business world, stretching across

any sector or industry.

BUSINESS

DBA - S71

setting up your first business in Year 1

You can apply for further studies with local or foreign universities. Many of our DBA graduates

from

to industry-related projects. Beyond that, an

of interest! We create multiple windows of

opportunities for your growth to gain exposure by

working and interacting with foreign counterparts

will develop global perspectives necessary to

Entrepreneurship, Digital Marketing & Branding,

and International Trade & Operations.

graduate as a Specialist (1 domain area), a Dualist

based on your aspirations and interests from

TREASURE THE EXPERIENCE

You will go on a 22-week internship in

preference, you may choose an internship

Monetary Authority of Singapore (MAS),

Finance and Technology.

journeys and volunteer for overseas social

impact on the wider world!

Our three-year full-time DBKF programme

BUILD SOUGHT-AFTER DIGITAL &

ANALYTICAL SKILLS

features digital marketing and digital user

experience, which are skills that are highly

ATTAIN VALUABLE MARKET

EXPERTISE & INSIGHTS

· SME Finance

DEVELOP STRONG INDUSTRY

You will solve real-world problems through

applied industry projects, leveraging on our

Institutions, Fintech Companies and SMEs

wealth of knowledge and resources

to tackle complex finance

problems and turn them into

innovative solutions.

DBKF graduates can also work in the finance

job market and gain hands-on experience in the

Yang Seon Hee, DBKF Gold Medallist.

The experience I gained in SP has shaped

my aspirations and helped me develop

life-long skills which will ensure that I

also very thankful for the deep expertise

and total dedication of my lecturers,

supportive. They showed concern for my

achievement and went out of their way to

help me, and this is what I appreciate most.

The Right Choice  •  Singapore Polytechnic

The Right Choice  •  Singapore Polytechnic

The Right Choice  •  Singapore Polytechnic

THE RIGHT CHOICE
Amrita Kaur D/O Ishwar Singh

Tay Eng Soon Gold Medal,
Silver Medallist,

opportunities to overcome my introverted zone. It has also trained me with a strong theoretical foundation coupled with practical applications for me to excel in both the client project and internship. Apart from the in an overseas community service trip to Surabaya, Indonesia where I taught English to the local children while helping to renovate their classrooms. This experience reinforced my passion for community service and spurred me to lead the SP Rotaract Club as

ENTRY REQUIREMENTS

English Language 1 – 6
Mathematics (Elementary / Additional) 1 – 6

Note:
To be eligible for admission, you must also have sat for one of the following subjects:
• Art
• Business Studies
• Economics
• Higher Art
• Higher Music
• History
• Humanities (Social Studies, Geography)
• Humanities (Social Studies, History)
• Humanities (Social Studies, Literature
• Humanities (Social Studies, Literature in Malay)
• Humanities (Social Studies, Literature in Tamil)
• Introduction to Enterprise Development
• Media Studies (Chinese)
• Media Studies (English)
• Music
• Principles of Accounts

Range of Net 2021 JAE ELR2B2: 5 - 12

The Right Choice • Singapore Polytechnic

Fulfilling Career through the SP-ICAEW Professional Chartered
Beyond that, building on DAC's strong industry connections, you will get to embark on a 22-week internship in your third year with reputable local and overseas organisations. Our industry partners firms such as Deloitte, EY and PwC. On top of that, we partner with mid-tier accounting firms such as Audit Alliance, BDO, Foo Kon Tan and Mazars. As a DAC graduate, you will be sought after in the • Accountancy • Auditing • Taxation You may be granted up to one and a half years exemption from a typical three-year related degree course by overseas universities. You may also receive generous exemptions such as ACCA, CIMA and ICAEW, should you wish to further your studies with them. Should you choose to start working after your diploma, you may wish to pursue the and Technology offered by SP to deepen your SkillsFuture's Earn and Learn Programme in order to progress to the Singapore Chartered Accountant of Singapore Accelerated Pathway Programme (AAPP), the Chartered Institute of Management Accountants (CIMA), Accounting and Business (CFAB).

and finance professions? The Diploma in Accountancy (DAC) may just be the best choice for you!

With the government's commitment to promote Singapore as a financial hub, accounting and finance professions are in high demand to keep up with our country's ever-growing economy. A journey of becoming an accounting professional or a Chartered Accountant (CA). A VALUABLE EXPERIENCE unique and interactive pedagogies through simulated cases, flipped classroom and team-technical skills and essential soft skills such as and lifelong learning skills. Apart from that, you knowledge and skills. We work closely with the Institute of Chartered accountancy bodies, you will get a head start in acquiring professional qualifications whilst in the polytechnic, such as:

- Process Automation (RPA), programming and to apply these skills to real companies through productivity and harness the power of data to make better business decisions.

Why SP?

At SP School of Business, you can choose from a selection of diploma programmes that meets your interests and aspirations. Our diplomas are highly reputable universities and professional bodies. For the Institute of Chartered Accounts in England and Wales (ICAEW) to create an accelerated pathway to pursue the Chartered Accountant qualification.

You have opportunities to enhance your leadership skills, entrepreneurial mindset and resilience, build real-life experiences for future studies or work. As a result of taking courses in Accounting, Business Administration, Banking & Finance or HRM with Psychology, through SP School of Business, you impact the world through business innovation!
TRISTAN VOON  
Diploma in Aeronautical  
Lee Kuan Yew Award recipient  
Alumnus of Dunman Secondary School  

Psych-ed for Human Resource by showing her how small actions, such as matching the right people to the right jobs, could make a huge positive impact on an individual’s life. She was also interested in improving her interpersonal skills and wanted to find out how psychology can interplay with HR.

Enrolling in SP’s Diploma in Human Resource Management with Psychology course was just the first step in Cherize’s journey at SP. Not only did the SP grow as the President of the SP Guitarists Club. Her efforts paid off as she and her club mates managed to put up a successful show at the Arts Fiesta concert in 2019.

Cherize worked with a beverage company on a HR consultancy project. Her team developed a new training and appraisal framework for the company, which received high praise. Ideas from the framework were eventually incorporated into the company’s existing operations.

Despite holding several leadership positions in his CCAs at SP including and even clinching the SP Engineering Scholarship. Always keen to put his ideas to the test, Tristan was a part of the team that proposed an AI-enabled diagnostics solution to help in-flight aircraft with troubleshooting at the Aviation Safety Competition 2021. In 2019, the innovative solution to reduce response time during disasters developed by his team at the Humanitarian Disaster Relief Challenge was even presented to Senior Minister Teo Chee Hean during the Shan Sa Health Seminar.

Tristan only has one (ambitious) goal — to elevate the prominence and status of Mechanical Engineering at the Nanyang Technological University, Singapore. Having taken on this quest, Tristan has already bagged the SP Engineering Scholarship. In 2017, the team he helped to organize and which he captained, clinched the first runner-up title with their proposed AI-enabled diagnostics solution to help in-flight aircraft with troubleshooting at the Aviation Safety Competition 2017. Tristan started out in 2017 with a diorama project which he had seen a student do in one of his classes. He thought it would be fun if he and his team mates could participate in the competition. The team went on to clinch the first runner-up title with their proposed AI-enabled diagnostics solution to help in-flight aircraft with troubleshooting. Tristan currently leads 15 students in the team and they have been invited to present the project to the aviation industry.

Growing up, Tristan was fascinated by planes. From the plane’s design to how different parts and engines work, he was captivated by how airplanes function. Tristan enrolled in the Diploma in Aeronautical course because he wants to learn more about the engineering behind flight. Despite holding several leadership positions in his CCAs at SP including President of the SP Engineering Club, Tristan was a part of the team that proposed an AI-enabled diagnostics solution to help in-flight aircraft with troubleshooting. The team went on to clinch the first runner-up title with their proposed AI-enabled diagnostics solution to help in-flight aircraft with troubleshooting at the Aviation Safety Competition 2017. Tristan is currently leading 15 students in the team and they have been invited to present the project to the aviation industry.

CHERIZE ZAIDI  
Diploma in Human Resource Management with Psychology (DHRMP)  
Chua Chor Teck Gold Medallist  
Alumna of Yishun Town Secondary School  

Psych-ed for Human Resource by showing her how small actions, such as matching the right people to the right jobs, could make a huge positive impact on an individual’s life. She was also interested in improving her interpersonal skills and wanted to find out how psychology can interplay with HR.

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FURTHER STUDIES

SUBJECT GRADE

English Language 1 – 7
Mathematics
Any two other subjects 1 – 6

• Art
• Biology
• Biotechnology
• Chemistry
• Design Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Biology)

• Biology
• Biotechnology
• Chemistry
• Computing / Computer Studies
• Creative 3D Animation
• Electronics / Fundamentals of Electronics
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Biology)

To be eligible for admission, you must also have sat for one of the following subjects:

• Higher Art
• Media Studies (Chinese)
• Media Studies (English)

Range of Net 2021 JAE ELR2B2: 7 - 15
Aggregate Type: ELR2B2-C

You can gain entry to a relevant degree course from local and overseas universities. The strength of your advanced standing from reputable foreign universities and module exemptions from local universities.

CAREER OPTIONS

COURSE HIGHLIGHTS

Scholarships

First Year Common Foundation Programme,

SCHOLARSHIPS

Gain broad exposure to design trends by participating in overseas and local study

• First Year Common Foundation Programme,

• Gain broad exposure to design trends by participating in overseas and local study

• Participate in Live Client studio programmes

• Interior Design

If you are passionate about the design of space, transforming the experience of everyday living and have a creative mind, you are the budding designer we want!

The course is developed to prepare students for the design industry, equipping graduates with the skills and experiences required to be successful in the design industry.

As interior designers and landscape architects, you will be trained to create spaces and places that are functional, beautiful, and sustainable.

You will learn about the latest design software and techniques and be trained to communicate your ideas effectively.

You will also be given the opportunity to work with real-life industry partners and participate in overseas and local study projects.

If you are interested in design, apply now for the Interior Design programme at Singapore Polytechnic!
ENTRY REQUIREMENTS

FURTHER STUDIES

Mathematics

One of the following

• Biology
• Chemistry
• Computing / Computer Studies
• Design Studies*
• Design & Technology
• Electronics / Fundamentals of Electronics
• Higher Art*
• Science (Chemistry, Biology)

Note: To be eligible for admission, you must also have sat for one of the following subjects:

• Biology
• Biotechnology
• Chemistry
• Computing / Computer Studies
• Creative 3D Animation
• Design & Technology
• Electronics / Fundamentals of Electronics
• Food & Nutrition
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Chemistry)

Range of Net 2021 JAE ELR2B2: 12 - 18
Aggregate Type: ELR2B2-C

COURSE HIGHLIGHTS

Authentic learning through:

• Out-of-classroom projects and site visits
• Industry-linked projects

CAREER OPTIONS

Building Executive
• Contracts / Procurement Executive
• Customer Service Executive
• Fire Safety Manager
• Project Coordinator
• Property Executive
• Strata Executive

Facilities management
DFM - S95

I was able to receive a one of a kind internship experience at ISS-NUH. It was an enjoyable experience as I developed interpersonal, project management and coordination skills that I have never faced before in my life. However, it was enriching at the same time as I developed skills that are required to work in the industry. The work experience is equally relevant for the workforce in a few years time. The internship experience was relevant skills that I need to face future challenges and also gave me a clearer direction in where my interest lies.

Phyllis Ng
DHLFM (now known as DFM)
Class of 2020

The demand for facilities management services has grown exponentially, with the growing demand for building and infrastructure development. This course will equip students with the technical and business management skills to manage buildings and its services. With the increased emphasis for cost-efficient smart buildings and the consideration of space as a business asset contributing to the bottom line of companies, this course will also train students to enhance assets, optimise space and facilities management careers with property developers and owners, service providers, government agencies and statutory boards.

Besides the diploma, you will also be awarded with three additional certificates upon graduation:

• Fire Safety Manager
• bizSAFE Level 2 (Risk Management)
• Supervise Construction Work for WSH

SCHOLARSHIPS

Chapter Scholarship

FURTHER STUDIES

Chapter Scholarship

• BCA — Industry Scholarship / Sponsorship
• Yogarajah Scholarship and Bursary Fund
• Sarojini Devi Award

With your SP diploma, you can gain direct entry programmes at the Nanyang Technological University (NTU) or National University of Singapore (NUS), as well as pursue a Civil Engineering degree at the Singapore Institute of Technology (SIT). Alternatively, you can pursue a degree in Building & Project Management at the Singapore University of Social Sciences (SUSS) or complete a related degree in two or three years in countries such as Australia or the United Kingdom.

ARCHITECTURE & THE BUILT ENVIRONMENT

With your SP diploma, you can gain direct entry programmes at the Nanyang Technological University (NTU) or National University of Singapore (NUS), as well as pursue a Civil Engineering degree at the Singapore Institute of Technology (SIT). Alternatively, you can pursue a degree in Building & Project Management at the Singapore University of Social Sciences (SUSS) or complete a related degree in two or three years in countries such as Australia or the United Kingdom.
At DARCH, we believe that anyone with interest and passion in architecture can be trained. Our dedicated and experienced lecturers will equip you with the essential skills required to realise your ambition of contributing to the architectural and design industries. The unique pedagogy will develop you holistically into an adaptable, open-minded and motivated individual as well as team player. From laying your design foundations in the programme that adopts a unique project-based learning approach, to develop you into an investigative design innovator equipped with knowledge of the latest building technologies. Our students have received scholarships from organisations like Urban Redevelopment Authority to study architecture at the National University of Technology and Design (SUTD). Our graduates have also continued their education at top universities around the world, including Royal Melbourne Institute of Technology (RMIT) (AA), The Bartlett (UCL) and Glasgow in UK and Southern California Institute of Architecture (SCI-Arc) in the United States. The strength of your SP DARCH diploma will get you module exemptions and advanced standing in foreign universities.

WHY ABE?

Our 4-year diploma programmes are designed to give you the edge to stand out in today’s competitive market. Our courses are crafted to ensure you have a firm understanding in their respective fields and develop your soft skills, such as critical thinking, creativity, problem-solving, effective communication and teamwork. You will be exposed to the latest technology and hands-on learning opportunities in our state-of-the-art facilities. Our expert lecturers will guide you through the learning journey, ensuring you are prepared and confident to achieve your career goals.

WHEN WILL YOU BE IN ABE?

We believe in the importance of a strong educational foundation. Our foundation programme is designed to prepare you for the challenges ahead. You will gain a solid understanding of the fundamental concepts and develop your critical thinking and problem-solving skills. This will provide you with the necessary knowledge and understanding to excel in your chosen field.

WHAT WILL YOU LEARN IN ABE?

Our courses are designed to give you a comprehensive understanding of the latest technologies and industry trends. You will be equipped with the necessary skills and knowledge to succeed in your chosen field. Our courses include hands-on learning opportunities, real-world projects and industry placements. You will have the opportunity to work with professionals in the industry and gain practical experience.

WHERE WILL YOU GO AFTER ABE?

Our graduates are highly sought after by employers in the industry. Many of our graduates go on to work in top companies or start their own businesses. Our strong network of industry partners and extensive alumni base will provide you with valuable career opportunities.

How to apply

1. Visit our website
2. Complete the online application form
3. Submit your application
4. Wait for the admission decision

Entry Requirements

- English Language: 1 – 7
- Mathematics: 1 – 6
- Any three other subjects: 1 – 6

Note: To be eligible for admission, you must also have sat for one of the following subjects:
- Art
- Biology
- Biotechnology
- Chemistry
- Computing / Computer Studies
- Design Studies
- Design & Technology
- Electronics / Fundamentals of Electronics
- Higher Art
- Media Studies (Chinese)
- Media Studies (English)
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

Range of Net 2021 JAE ELR2B2: 3 - 13
Aggregate Type: ELR2B2-D

For more information regarding entry requirements, courses and careers, please contact:
School of Architecture & the Built Environment
Tel: (65) 6775-1133
Email: info@sp.edu.sg
Website: www.sp.edu.sg
I came up with a list of potential questions

Step 5: Be confident

Arrive early for the interview (be it virtual or physical). Smile and most importantly, be yourself to impress!

I arrived 15 minutes ahead of the interview so that I could go through my answers and portfolio one last time before I headed in.

Kelly Tay
Alumna of Kranji Secondary School
Diploma in Mechanical Engineering

In my portfolio, I included many pictures entered SP through EAE. If you’d like to find out how some secured their place early via EAE, follow SP’s Instagram account @Singaporepoly and QR code now. Good luck!

Step 4: Build your case

Show that you have participated in activities relevant to your preferred diploma. Detail all relevant works and certificates. Give examples of real-life experiences. Include a written description of the miniature model sets that I had built over the years, especially models that included electrical wiring since I was applying for DME. On top of that, I also included all of the awards I won for my work in model building — President Obama for being on the honour roll when I studied in America!

Step 3: Research, research, research

Since young, I have always wondered how things were made. I would spend my free time assembling miniature model sets and do-it-yourself furniture. When I got older, I realised my interest in building things never went away and I wanted to spend even more time crafting and building!

I come from a family of engineers — my father, aunt and uncle are all engineers. My father, who my father did when he was at SP and realised that SP’s Diploma curriculum that aligns with my interests — building, crafting and bringing ideas to life.

Exemplary marks in Mathematics and Physics — important foundation skills required for an engineering discipline, and it influenced me to follow in his footsteps. I researched the diploma my father did when he was at SP and realised that SP’s Diploma in Mechanical Engineering (DME) offers a programme that was the right choice for me.

Since young, I have always wanted to do things myself. I would spend my free time crafting and building! My father, who I’m grateful to, is a great influence in my life. As a result, I am determined to follow in his footsteps and pursue a degree in engineering.

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Here are ten reasons SP is the right choice for you.

1. We are established.
Whether you are naturally talented or just crazy interested, we promise you, you will find someone just as passionate about it as you are in whichever CCA you choose to join.

2. We have great courses.
With 10 academic schools and 30 full-time diplomas, you can definitely find your dream poly course.

3. Your lecturers are superheroes.
Whether you excel in your studies, the arts, sports or are simply a great leader, SP is there to help you reach your full potential with our extensive range of scholarships. So, don’t hold back, be the best you can be!

4. Our facilities are state-of-the-art.
Our facilities are the first polytechnic to receive the highest accolade in Singapore for achievements in the field of environmental sustainability.

5. We have an MRT station at our doorstep.
SP is literally steps away from Dover MRT station. Did we also mention it’s sheltered all the way?

6. You will not run out of food to eat.
With six food courts and various F&B outlets all around campus, you’d be spoiled for choice!

7. You will have amazing seniors.
They are really good at teaching but more than that, they help prepare you to be life-, work- and most importantly, world-ready!

8. Your courses are superb.
Our courses are designed to give you the skills and knowledge you need to succeed in your future career.

9. Your achievements will not go unnoticed.
Our top graduates of 2021 are on the cover of SPirit — flip the magazine over to take a look!

10. We are well established.
We’ve been around since 1969, and our reputation for excellence in education is well established. With over 40 years of experience, we’re proud to say that SP is the right choice for you.

Join us and start creating your own SP memories!