THE RIGHT Choice

THE CHOICE OF 155,000

Pick the RIGHT COURSE

49 EXCITING DIPLOMA COURSES

Create Your LEGACY @ SP

• DESIGN + ENGINEERING
• WORLD OF OPPORTUNITIES
• WHAT A LIFE @ SP!

SINGAPORE POLYTECHNIC SP

OPEN HOUSE 2011
6 – 8 Jan
Singapore’s first poly

JAE 2011
Your Guide to joining Singapore’s 1st Poly

SP Grad Joins Harvard

JANUARY 2011
I create my Legacy

My experience with photography has taught me to overcome my problems and also become more independent. My passion brings out something in me and in my photographs. It brings my pictures to life.

Photography is not just luck, but it takes practice and a whole lot of patience too. Together with my team mate, we won second place in the Microsoft Imagine Cup 2009 and 3rd place in 2010. We travelled to compete in Cairo, Egypt in 2009 and Warsaw, Poland in 2010, where we had the opportunity to meet students from all over the world.

Chessa Lim
SP Design School

Singapore Polytechnic
Open House 2011
6 - 8 January

www.spoh.sg
Express yourself freely with Free Campus Calls.

Sign up for SingTel Mobile Youth Plans and enjoy exclusive benefits for Students and NSFs.

FREE

➢ Unlimited SMS
➢ Campus Calls (from all JCs, Polys and Unis)
➢ Incoming Calls
➢ Data Bundle
➢ AMPed – Unlimited Music Downloads

Visit www.singtel.com/youth for more details now!
I create my Legacy

Sailing has always been a long time passion for me. I take that onto many levels by participating and winning numerous competitions, both local and overseas. I do not call it a day until I win first place. Competing itself gives me a rush of adrenaline. A rush that cannot compare to anything else.

My efforts have also led me to be appointed as a Young Ambassador for the Youth Olympic Games in 2010.

My Legacy. Here at SP.

Sean Lee
School of Digital Media & Infocomm Technology

Singapore Polytechnic
Open House 2011
6 - 8 January

www.spoh.sg
OPEN HOUSE HIGHLIGHTS

Catch all the excitement at SINGAPORE’S FIRST POLY

SINGAPORE POLYTECHNIC SP

OPEN HOUSE 2011
6 – 8 Jan
10am to 6pm

PICK THE RIGHT COURSE
Meet our friendly lecturers who will provide valuable advice on making the right choice or detailed information about that SP diploma course that caught your eye. You can talk to any current students about their SP experience.

GET A LIFE!
Experience rock-climbing, tight-rope walking or face painting. These are just but some of the many activities at SP Open House to engage the sporty you. At SP, there are more than 100 CCAs that you can join – from arts to sports to music and more!

MEET DJS SHAN AND ROZZ
Get up close and personal to sizzling 987FM deejays Shan and Rozz on 7th Jan (Friday) at 2pm. Move closer to them and you may just walk away with attractive prizes from Singtel.

GOODIES AND MORE...
Grab a goodie bag while stocks last. There’s also free flow of popcorn and candy floss.

WHAT ELSE?
There’s much more going on. Find out at spoh.sg.

SPINNOVEX
Visit SPINNOVEX 2011.
We guarantee to make you go WOW! at this exhibition featuring final-year projects by SP students.

NOTE:
SP Open House ads in previous pages are conceptualised and produced by The Student Agency, run by the cool students SP Design School. Are you impressed enough to join them?
Excited with your outstanding GCE ‘O’ Level results and ready to join Singapore’s first poly?
Over the years, SP has produced more than 150,000 graduates, many of them achieving success in various fields – government service, business, engineering, design, life science, architecture and other areas.

SP has also nurtured many scholars who achieved greater heights by clinching scholarships with prestigious universities, organisations and companies such as A*Star, Infocomm Development Authority, Media Development Authority, Urban Redevelopment Authority, Harvard University, National University of Singapore, Nanyang Technological University, Singapore Management University and Singapore University of Technology & Design.

Begin your journey as a SP Scholar and create your legacy.

THE SP SCHOLAR
- Open to the best and brightest 1st year students.
- Includes bond-free tuition fee sponsorship and notebook allowance.
- Participation in the SPOT* programme.

THE SP ENGINEERING SCHOLAR
- Open to the best and brightest 1st year students with a passion for Engineering.
- Includes bond-free tuition fee sponsorship and notebook allowance.
- Participation in the SPOT* programme.
- Participation in R&D programmes and engineering conferences locally and overseas.

SP IS THE FIRST POLY TO OFFER ENGINEERING SCHOLARSHIPS

THE SP-ITE SCHOLAR
From 2011, SP will offer scholarships for outstanding ITE graduates taking full-time diploma courses at SP.
- Includes bond-free tuition fee sponsorship and notebook allowance.
- Participation in the SPOT* programme.

SP IS THE FIRST POLY TO OFFER SCHOLARSHIPS TO ITE GRADUATES.

SP MUSIC, ARTS AND SPORTS SCHOLARSHIP
If you excel in Music, Arts and Sports at national, combined schools or higher level, SP offers a special scholarship worth $1,700 per year.

*SPOT ON!
If you are a bright student who aspires to be a leader, SP will put you in the SPOT (SP Outstanding Talent) programme.

*SPOT is a talent development and enrichment programme designed for academically bright SP students like you, so you can become well-rounded individuals who are Humanitarians, Innovators, Communicators and Leaders.

*SPOT starts from the first year of your journey at SP. You will take up modules in current affairs and attend enrichment workshops in areas such as public speaking and interpersonal skills.

You will be nominated for youth awards and prestigious scholarships.

You get opportunities to take part in dialogues with Ministers and shadow Members of Parliament (MP) at their walkabout sessions.

You can also get attachments to offices of Ministers and MPs.

You are eligible to participate in the annual Model United Nations Conference held at Harvard University and Princeton University and get to meet fellow tertiary students from all over the world.

WORRIED ABOUT FEES?
Don’t worry about school fees if you are a SP student. We have various financial assistance schemes such as bursaries, needy funds and tuition grants to help you. You just need to concentrate on your studies, do well and inspire others.

For information on SP Scholarships and financial assistance schemes, visit www.sp.edu.sg or talk to our friendly counsellors during SP Open House 2011 from 6 – 8 Jan.
What is 
YOUR Choice?
What will be your best polytechnic choice after getting your ‘O’ level results?

Take your pick from the 49 full-time diploma courses offered by the FIRST polytechnic in Singapore. Make it your FIRST choice, with the first polytechnic.

Whether you like to study business, design, engineering, life sciences, humanities or IT, there will be one that marks your start to an exciting career. There you go, you will be the next animator, engineer, scientist or journalist. Or the interior designer, event specialist, banker, entrepreneur…….

With an SP diploma, you can also join universities and take up degree courses in various disciplines. Whether it’s local or overseas universities, your SP diploma will give you a definite advantage as you have a stronger foundation. Many of our graduates even went on to pursue Masters and PhDs.

Like SP outstanding alumni Kuriakin and Shaun who are now studying in Harvard and Cambridge respectively. Or Lee Wei Jian who is among the pioneer batch of undergraduates heading for the Singapore University of Technology & Design, set-up in collaboration with the prestigious Massachusetts Institute of Technology. And they clinched scholarships as well for their university degrees. Real cool, isn’t it?

SP has affiliations with more than 180 universities that will give your advanced standings up to two years, meaning you can skip some modules and graduate ahead of others.

Flip the pages. Take your pick. Your first choice in career starts with the first poly in Singapore. And when you graduate, you leave behind an inspiring legacy.

SP. Our Right Choice

RABAYA AMIN,
DIPLOMA IN FINANCIAL INFORMATICS

JEFFREY TEO,
DIPLOMA IN MECHANICAL ENGINEERING
04  Open House Highlights
05  SP Scholarships & Outstanding Talent Programme
08  How to apply during Joint Admissions Exercise (JAE)
09–11  FAQs about Joint Admissions Exercise (JAE)
12–13  SP Diploma Courses Cut-Off Points (COP)
14–15  SP Full-time Diploma Courses – Course Listing
16–21  Business & Finance
22–25  Humanities
26–31  Digital Media & Infocomm Technology
32–35  Design
36–41  Architecture & Built Environment
42–49  Chemical & Life Sciences
50–59  Engineering
60–63  Maritime Studies
64–65  Leaving Their Legacies Around the World
66–67  Get that DEGREE. University after SP.
68–69  Get a Life @ SP
How to use this
JAE GUIDE

Whether you are a student, teacher, counsellor, parent or someone who plays a part in the decision-making process after the GCE ‘O’ levels, this guide and FAQs are important to you.

You will find the answers to common questions about the Joint Admissions Exercise (JAE), information on admissions to Singapore Polytechnic and a summary of the difference courses offered.

For detailed information on SP and the full-time diploma courses offered, please visit www.sp.edu.sg.

JAE Application Procedure
You will receive from your school:

+ GCE ‘O’ Level results
+ Form A
+ JAE 2011 Booklet

Check out Form A for your list of eligible courses

Refer to this guide for SP diploma course names, course codes and entry requirements (Form A only lists the course codes).

Learn about career prospects and various industries by talking to your teachers, parents, relatives and friends.

Come to SP during the Open House and JAE period and talk to our friendly lecturers / counsellors and current students about courses you are interested in.

Remember to use only the 2010 JAE Cut Off Points (COP) listed as a guide.

For online application, ensure that your personal particulars are correct and provide up-to-date contact numbers.

Complete all your 12 choices. Don’t waste any of your choices.

For online application, verify your 12 choices and click “submit”. After submission, print out the verification slip – this is the proof of your application.
Frequently Asked Questions About JAE

Am I eligible for SP courses?
You can apply for all courses listed in your Form A (which is issued by your Secondary School). All Singapore Polytechnic (SP) courses have an "S" prefix. See Form A.

<table>
<thead>
<tr>
<th>Name</th>
<th>JAE PIN</th>
<th>Form A</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAM SUL</td>
<td>KMP4676</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
<td></td>
</tr>
<tr>
<td>123 ANG MO K00 #01-23</td>
<td>0223570109</td>
<td></td>
</tr>
<tr>
<td>School Code</td>
<td>7310</td>
<td></td>
</tr>
</tbody>
</table>

Admission to the courses is competitive and is based on merit followed by order of choices.

Your GCE ‘O’ Level Examination results are as follows:
11 = A1  03 = A2  41 = A1  42 = A2  44 = A1  45 = A1
46 = A1  22 = A2  CCA = A1

Your aggregate scores are as follows:
L1R5 = 07  L1R4 = 05  ELR2B-B = 05  ELR2B-C = 05  ELR2B-D = 05

Based on the 2010 GCE ‘O’ Level Examination result, you are eligible to apply for JC (2-Year Duration), MI (3-Year Duration) and the following Polytechnic/ITE courses:

<table>
<thead>
<tr>
<th>Subject code and grade based on your examination results.</th>
<th>Poly/ITE Course codes you are eligible to apply.</th>
</tr>
</thead>
</table>

ELR2B2-B / C / D refers to the aggregate types for the poly courses. Please refer to the JAE 2011 Booklet (pages 59 – 74) for the list of SP courses, the entry requirements and their respective aggregate types. E.g. For the Diploma in Applied Chemistry with Pharmaceutical Science, the aggregate type used is ELR2B2-C; for the Diploma in Accountancy the aggregate type is ELR2B2-B, and so forth. The aggregate score reflected in your Form A is before the bonus points awarded for CCA.

Do I have the academic prerequisites to select a course from Singapore Polytechnic?
The Form A will list all the courses that you are eligible for. To know if you meet the entry requirements for a SP diploma course, look out for the course code(s) with the prefix ‘S’.

You can still put your favourite SP course as your first choice even though you do not meet the last year’s cut-off point. The cut-off point indicated is a reference to the minimum aggregate to join the course for 2010 and may change from year to year.
What if I don’t meet the minimum English requirement?
You will need to score distinction in Mathematics and one other subject, and a minimum B3/4 for a relevant subject and have a good ‘aggregate to apply for provisional admission. Application for provisional admission is under the Direct Admissions Exercise (DAE). You are also advised to retake English Language at the next GCE ‘O’ level exams. At the same time, you should not rule out the courses that you are eligible for under the Joint Admissions Exercise (JAE). Don’t waste the number of choices given to you to apply for those courses open to you.

How do I compute my aggregate?
Take this example: ELR2B2-B = 7, ELR2B2-C = 6, ELR2B2-D= 6 means that you have an aggregate of 7 or 6 points based on the different computations:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Grade</th>
<th>ELR2B2-B</th>
<th>ELR2B2-C</th>
<th>ELR2B2-D</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>2</td>
<td>2 (EL)</td>
<td>2 (EL)</td>
<td>2 (EL)</td>
</tr>
<tr>
<td>Mathematics</td>
<td>1</td>
<td>1 (R1)</td>
<td>1 (R1)</td>
<td>1 (R1)</td>
</tr>
<tr>
<td>Add Mathematics</td>
<td>1</td>
<td>1 (B1)</td>
<td>1 (B1)</td>
<td>1 (B1)</td>
</tr>
<tr>
<td>Combined Humanities</td>
<td>3</td>
<td>3 (R2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science (Phys, Chem)</td>
<td>2</td>
<td></td>
<td>2 (R2)</td>
<td>2 (R2)</td>
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<tr>
<td>Design &amp; Technology</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chinese</td>
<td>1</td>
<td>1 (B2)</td>
<td>1 (B2)</td>
<td>1 (B2)</td>
</tr>
<tr>
<td>Aggregate (Raw)</td>
<td></td>
<td>8</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Less CCA Bonus Point</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Aggregate (Net)</td>
<td></td>
<td>7</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

How can my CCA bonus points help?
You get 2 bonus points with an ‘A’ grade for CCA, and 1 bonus point with ‘B’ or ‘C’ grade. The net aggregate score will be used when applying for the courses.

What happens if my ELR2B2 aggregate does not meet the cut-off points?
You can still apply for that course provided you meet the minimum entry requirements and have scored an ELR2B2 aggregate of 26 points or below. If you really like any of the SP courses, put it down as your first choice.
How do I make a selection from the many courses that I am eligible for?

- Come to SP when JAE is open and talk to our course counsellors.
- Speak with your parents, friends and relatives to find out more about their professions and what their careers are like.
- Rank your choices of courses and institutions.
- If you like any of the SP courses, put it down as your first choice.
- Complete ALL 12 choices (do not waste any of the choices open to you).
- Include a course that you will stand a good chance of getting into amongst the 12 choices (it should also be one that you have interest in).

For more FAQs, log on to [http://ifaq.sp.edu.sg](http://ifaq.sp.edu.sg)
More information about SP courses at [www.sp.edu.sg](http://www.sp.edu.sg)

Ready to join SP, Singapore's First Poly?
## SINGAPORE POLYTECHNIC

### 2010 JAE CUT-OFF POINTS [COP]

**NOTE:** 2010 COPs are to be used as a guide only.

<table>
<thead>
<tr>
<th>JAE CODE</th>
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<td>Accountancy</td>
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<td>Applied Drama &amp; Psychology</td>
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<td>Banking &amp; Financial Services</td>
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<td>S58</td>
<td>Bioengineering</td>
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<td>S98</td>
<td>Biomedical Science</td>
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<td>S72</td>
<td>Biotechnology</td>
<td>11</td>
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<tr>
<td>S71</td>
<td>Business Administration</td>
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<td>S82</td>
<td>Business Information Technology</td>
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<td>S70</td>
<td>Chemical Engineering</td>
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<td>S68</td>
<td>Civil Engineering with Business</td>
<td>18</td>
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<tr>
<td>S45</td>
<td>Clean Energy</td>
<td>16</td>
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<tr>
<td>S40</td>
<td>Common Engineering Programme</td>
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<td>S53</td>
<td>Computer Engineering</td>
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<td>S41</td>
<td>Creative Writing for Television &amp; New Media</td>
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<td>S35</td>
<td>Digital Animation</td>
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<td>S57</td>
<td>Digital Media</td>
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<td>S99</td>
<td>Electrical &amp; Electronic Engineering</td>
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<td>S42</td>
<td>Engineering with Business</td>
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<td>JAE CODE</td>
<td>COURSE</td>
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<tr>
<td>S52</td>
<td>Environmental Management &amp; Water Technology</td>
<td>14</td>
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<td>S51</td>
<td>Experience &amp; Product Design</td>
<td>17</td>
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<td>S46</td>
<td>Financial Informatics</td>
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<td>S47</td>
<td>Food Science &amp; Technology</td>
<td>14</td>
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<tr>
<td>S56</td>
<td>Games Design &amp; Development</td>
<td>15</td>
</tr>
<tr>
<td>S95</td>
<td>Hotel &amp; Leisure Facilities Management</td>
<td>15</td>
</tr>
<tr>
<td>S48</td>
<td>Human Resource Management with Psychology</td>
<td>13</td>
</tr>
<tr>
<td>S54</td>
<td>Infocomm Security Management</td>
<td>15</td>
</tr>
<tr>
<td>S85</td>
<td>Info-Communication Engineering &amp; Design</td>
<td>20</td>
</tr>
<tr>
<td>S69</td>
<td>Information Technology</td>
<td>18</td>
</tr>
<tr>
<td>S50</td>
<td>Integrated Events &amp; Project Management</td>
<td>14</td>
</tr>
<tr>
<td>S89</td>
<td>Interior Design</td>
<td>17</td>
</tr>
<tr>
<td>S36</td>
<td>International Business</td>
<td>9</td>
</tr>
<tr>
<td>S94</td>
<td>Landscape Architecture</td>
<td>17</td>
</tr>
<tr>
<td>S63</td>
<td>Marine Engineering</td>
<td>16</td>
</tr>
<tr>
<td>S74</td>
<td>Maritime Business</td>
<td>17</td>
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<tr>
<td>S37</td>
<td>Materials Science</td>
<td>16</td>
</tr>
<tr>
<td>S91</td>
<td>Mechanical Engineering</td>
<td>19</td>
</tr>
<tr>
<td>S73</td>
<td>Mechatronics &amp; Robotics</td>
<td>23</td>
</tr>
<tr>
<td>S86</td>
<td>Media &amp; Communication</td>
<td>12</td>
</tr>
<tr>
<td>S97</td>
<td>Music &amp; Audio Technology</td>
<td>12</td>
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<tr>
<td>*</td>
<td>Nautical Studies (Offered under Direct Admissions Exercise - DAE)</td>
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<td>S44</td>
<td>Nutrition, Health &amp; Wellness</td>
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<td>S67</td>
<td>Optometry</td>
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<td>S38</td>
<td>Perfumery &amp; Cosmetic Science</td>
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<td>S55</td>
<td>Tourism &amp; Resort Management</td>
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<tr>
<td>S93</td>
<td>Visual Communication &amp; Media Design</td>
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<tr>
<td>S39</td>
<td>Visual Effects &amp; Motion Graphics</td>
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### TURN THE PAGES FOR YOUR FAVOURITE SP DIPLOMA COURSE

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At SP Business School, we kick-start your brain so that you will think well, lead well and, yes, play well. We will train you to get the best return on your investment. Better still, we also teach you how to be your own boss.

- ACCOUNTANCY
- BANKING & FINANCIAL SERVICES
- BUSINESS ADMINISTRATION
- FINANCIAL INFORMATICS
- HUMAN RESOURCE MANAGEMENT WITH PSYCHOLOGY
- INTERNATIONAL BUSINESS
- TOURISM & RESORT MANAGEMENT

✎ WONG RUI CHUEN
3rd YEAR - DIPLOMA IN BUSINESS ADMINISTRATION

For more information regarding entry requirements and course information, please contact:

Tel: (65)-6772-1889
Fax: (65)-6772-1952
Email: sb@sp.edu.sg
www.sp.edu.sg/schools/sb
DIPLOMA IN ACCOUNTANCY (DAC) S75

If there’s one job that remains to be in demand regardless of economic situation, it has to be accounting. It’s not about number crunching but the greater value providing crucial information to determine the present and future economic stability of a company.

SP is the first polytechnic to offer Accountancy programme. It offered a degree in accountancy until the course was transferred to the university. This diploma course can also be counted on to help you acquire strong technical and creative thinking skills; develop global business perspectives; social responsibility and leadership skills.

The Experience

✔ The SP Diploma in Accountancy will get you the most credit exemptions from professional accounting bodies like the Chartered Institute of Management Accountants (CIMA) and Institute of Chartered Accountants in England and Wales (ICAEW) due to our excellent academic programme.

✔ Our course combines technical skills, computer applications in accounting and practical training. We also infuse Business Design where you will apply creative solutions to solve complex business problems.

✔ Get the chance to broaden your frontiers and build business and personal networks beyond Singapore, through credit transfer programmes in Japan.

✔ You will be attached to companies for exposure to various aspects of accounting work through our local and overseas Industrial Training Programme.

The Future

Graduates have excellent job prospects in accounting, auditing, costing, finance, taxation, banking, finance, and systems analysis.

Further Studies ✔ You can pursue business or accountancy degrees with local universities. You get advanced standing when studying in foreign universities. You also get exemptions from the examinations of professional bodies such as The Institute of Chartered Accountants in England and Wales (ICAEW), The Association of Chartered Certified Accountants (ACCA) and the Chartered Institute of Management Accountants (CIMA).

DIPLOMA IN BANKING & FINANCIAL SERVICES (DBF) S76

Money makes the world go round. The world economy is driven by the financial health of the superpowers. If you want to understand issues related to banks, currencies and stocks and shares, this is the course for you.

Only in SP you get to specialise in one of two options - Banking Option and the Financial Trading Option. The Banking Option offers knowledge and skills to launch you into the dynamic and challenging world of banking and financial services. The Financial Trading Option will open career paths for you in banks, insurance companies, fund management companies, broking firms and the finance departments of companies and organisations.
The Experience
✓ SP offers the premier Banking & Finance course with the largest intake and with the most number of graduates out in the industry.
✓ You can graduate with an additional Diploma Plus certificate in financial planning.
✓ Comprehensive learning experience through practical training, local and overseas field trips, business strategy/financial competitions.
✓ You will be attached to international banks and financial institutions, locally and overseas, for internship.
✓ If you take the Financial Trading option, you will get hands-on exposure in a Dealing Room complete with real-time information system and communications network.

The Future
Attractive careers in banking and financial institutions, business and management consultancies, insurance companies or even start your own business.

Further Studies ➤ You can apply to business schools in local universities or get generous advanced standing and exemptions at reputable foreign universities. For example, exemptions from Modules 6 & 8 of the Capital Markets and Financial Advisory Services Exam (CMFAS), in line with the licensing framework under the Securities & Futures Act and the Financial Advisers Act.

DIPLOMA IN BUSINESS ADMINISTRATION (DBA) S71

You get a high in managing, growing and bringing business to another level. To understand how the business world operates, you need to first invest your life in a business diploma course.

This course will give you a taste of the real business world. With the knowledge and skills, you have the opportunity to specialise from a variety of options. As a SP Biz Ad graduate, you will be much sought after by employers as you are primed to start contributing to your company.

The Experience
✓ You get to enjoy flexibility, diversity and an enriching education with a sufficient degree of specialisation in selected key growth sectors of Singapore’s economy, grouped into Business Function, Industry Sector and Student Directed Programme.

✓ Comprehensive learning experience through hands-on experience, local and overseas field trips and overseas immersion programme. Our students have interned in organisations like OCBC Bank in Shanghai and with the United Arab Emirates government.
✓ You will be given many opportunities to sharpen your skills through projects.

The Future
➤ Sales and marketing ➤ Human resource management ➤ Logistics operations
➤ Advertising and public relations ➤ Retail, tourism and hotel management.
Further Studies - Besides joining business schools with local universities, you will enjoy generous advanced standing that allows you to enrol in the second year of a foreign degree programme.

DIPLOMA IN FINANCIAL INFORMATICS (DBF) S46

In the banking and finance sector, a job in financial informatics is where the action is. With over 600 financial institutions here, Singapore is a bustling hotspot for financial activities.

Banks and financial institutions recognise the strategic importance of infocomm technology to gain the competitive edge. The quickening pace of innovation in financial products and services will continue to drive up the demand for infocomm-savvy banking executives.

This diploma course will cross-train you in three complementary fields - Business, Specialised Accounting, and Finance and Information Technology.

The Experience

✓ You have the flexibility, depending on your interests, inclinations and career aspirations, to choose between Accounting and Finance concentration in your third year of study. Equipped with skills from diverse fields, you will be able to help financial institutions translate complex business processes in financial services into implementable IT solutions.

✓ Comprehensive learning experience through hands-on experience, local and overseas field trips

✓ Beyond the classroom. - you will be given many opportunities to sharpen your technical and people skills through projects.

✓ Get real – you will gain relevant and first-hand work experience through Internship Programme with financial / IT companies.

The Future

► Banking System Analyst ► Financial Technical Consultant ► System Process Executive
► Accounting System Analyst ► Accounting Technical Consultant

Further Studies - This diploma course gives you immediate recognition and acceptance by local and overseas universities where you can pursue degree programmes in finance or Information Technology. You will also get generous advanced standing with foreign universities.

DIPLOMA IN HUMAN RESOURCE MANAGEMENT WITH PSYCHOLOGY (DHRMP) S48

Can you read my mind? Psychology used in human resource management affects every working individual in every working field.

SP is the first and only polytechnic in Singapore offering this diploma course. You will acquire a good grounding in human resource management and IT skills to become successful human resource practitioners. You will also be trained to understand the principles of psychology to deal effectively with human-related issues in a business environment.
The Experience
- We offer practical training, modern facilities such as SB’s Human Resource Learning Studio and an excellent programme to give you a head start in your career.
- Comprehensive learning experience. You will learn a HR information system used by leading companies in the industry. Our Overseas Immersion Programmes and study trips allow you to learn about foreign business and HR practices, as well as to network with industry practitioners.
- Beyond the classroom activities such as organising HR related events or seminars, participating in HR competitions and research projects focused on local and/or regional issues.
- Get real – you will gain relevant and first-hand work experience through a 12-week Internship Programme.
- HR Accreditation. Upon graduation, you will be accredited the status of HR Associate by the Singapore Human Resources Institute (SHRI) HR Accreditation Board. The HR accreditation provides you with the additional recognition that you have the relevant skill-sets and expertise required as a HR Professional, as well as increasing your employability.

The Future
- HR Executives  ▶ Recruitment Specialists  ▶ Industrial Relations Executives
- HR Information Specialists  ▶ Compensation & Benefits Specialists  ▶ Training Executives

Further Studies  ▶ Besides pursuing further studies at local universities, you can also gain direct entry into the second year of a three-year degree programme at reputable overseas universities.

DIPLOMA IN INTERNATIONAL BUSINESS (DIB) S36

The world is your oyster. You want to clinch international deals. Before you can do so, get yourself equipped with sound international business knowledge and cross-cultural emotional intelligence.

This diploma course) prepares you to succeed in the global marketplace. You will develop a good understanding of the core international business competencies, acquire a global business mindset and sharpen your business acumen, graduating world-ready. Get ready to immerse in foreign cultures, travel to distant lands, learn foreign languages, discover new market opportunities and network with partners overseas as you explore the world of business!

The Experience
- You will take part in business and cultural immersion programmes where you learn about business practices and culture.
- Get comprehensive learning experience through seminars by leading industry practitioners and academics.
- Take part in beyond the classroom activities such as working with industry partners to gather market intelligence to explore new business opportunities.
- Gain relevant and first-hand work experience through local and overseas Internship Programmes.
- This course is fully endorsed by International Enterprise Singapore and the Singapore Indian Chamber of Commerce.
The Future
- Entrepreneur
- Executive in international marketing and sales
- Business Planning and Development
- International Market Research and Development
- Overseas Business Operations
- International Trade Development and Operations

Further Studies ➜ Besides pursuing further studies at local universities, you can also gain direct entry into the second year of a three-year degree programme at reputable overseas universities.

Diploma in Tourism & Resort Management (DTRM) $55

Tourism is one of the fastest growing areas in today’s economy. The opening of the two integrated resorts (IR) in 2010 has generated unsurpassed demand for professionals in this booming sector.

The diploma course provides a winning combination of training in tourism and resort management skills as well as an extensive business management education. You will be equipped with skills that will land you an exciting career with one of the dynamic hotels or resorts either in Singapore or other parts of the world. Or if you prefer, start a career with national tourism organisations or travel agencies.

The Experience
- Unique hands-on learning opportunities such as the study of sea cruise for all first-year students, overseas hospitality immersion programme for all second-year students and the 24-week internship programme in various tourism and hospitality related companies, local or overseas, for third-year students.
- Opportunity to intern at Walt Disney World in the US through a special collaboration with the University of California Riverside (UCR).
- You will have opportunities to participate in student exchange programmes; work on interesting group projects and join tourism / travel competitions and fairs.
- Hands-on training in sophisticated computer reservations software, events organisation, customer service, tour leading, hotel front office operations and food & beverage management, complete with local and overseas field trips.

The Future
- Executives in resorts
- National tourism organisations
- Travel agencies
- Hotels
- Airlines
- Tourist attractions
- Spas
- Theme parks
- Meetings
- Incentives
- Conventions & exhibitions (MICE) companies
- Cruise lines.

Further Studies ➜ Besides pursuing further studies at local universities, you can also gain direct entry into the second year of a three-year degree programme at reputable overseas universities.
Get More!
Diploma Plus Programmes for Humanities students:
Certificate in Digital Film or Theatre Production

TOH WEI MING
1ST YEAR - DIPLOMA IN MEDIA AND COMMUNICATION

You love to communicate, whether it’s through performing arts, creative writing, TV or radio. At SP’s School of Communication, Arts and Social Sciences, you will receive solid training in core areas and real-life opportunities in advertising, public relations, news, TV scriptwriting, web publishing, video production, arts, community development and social service sectors and more.

+ APPLIED DRAMA & PSYCHOLOGY
+ CREATIVE WRITING FOR TV & NEW MEDIA
+ MEDIA & COMMUNICATION

For more information regarding entry requirements and course information, please contact:

SP
School of Communication, Arts & Social Sciences
Tel: (65)-6772-1170
Fax: (65)-6772-1955
Email: cass@sp.edu.sg
www.sp.edu.sg/schools/cass
DIPLOMA IN APPLIED DRAMA & PSYCHOLOGY (DADP) S43

SP is the first in Asia to offer applied drama as a course of study. With this diploma course, you will be pioneers in using drama for education, social intervention and rehabilitation. You will design appropriate drama programmes that combine the knowledge of drama techniques and the human psyche to meet different community needs.

We celebrate the gift of dramatic arts and psychology as a tool to provoke responses and sometimes to encourage change, to educate or to even heal.

The Experience
✔ You will receive extensive training that includes free electives in drama or psychology depending on your interest.
✔ Comprehensive learning experience through numerous hands-on projects, productions and training attachments with local drama companies, drama practitioners, community development agencies or social service agencies.
✔ Beyond the classroom activities such as collaboration with schools, social service agencies and non-profit organisations.
✔ You can develop your potential even further by taking an additional qualification in theatre performance and production or digital film.
✔ You get real and relevant first-hand work experience through internship programmes with community development or social service agencies.

The Future
► Drama Educator ► Educational & Outreach Officer ► Educative / Rehabilitation Facilitator
► Programme Officer ► Library Officer ► Welfare Officer ► Youth Worker in the arts, education, community development and in the social services sectors

Further Studies ➡ You can choose to pursue further education in drama, theatre studies, applied drama or psychology at local and foreign universities.
DIPLOMA IN CREATIVE WRITING FOR TV & NEW MEDIA (DTVM) S41

Dream it, write it, make it! This diploma course is the first in Singapore that caters to content creation for the TV and new media markets. Preparing you for the wired world, you’ll be empowered with skills to tackle different and converging media platforms such as print, broadcast and online.

It will be an exciting journey learning how to create, write and produce for different types of media – from TV entertainment programmes like dramas, sitcoms and reality programmes, to news, current affairs and documentaries. You’ll also be equipped to produce new media products like websites, blogs and podcasts. What’s more, you will also be trained in TV production, web publishing and media entrepreneurship.

The Experience
✓ You will get a comprehensive learning experience through various government and non-governmental initiatives, projects and productions that target young people.
✓ You will get to rub shoulders with professionals from the industry, meeting famous personalities like movie directors, actors, animators, authors, comic strip writers, journalists and documentary makers through exclusive workshops.
✓ To develop your potential even further, you could pursue an additional qualification in digital film or theatre performance and production.
✓ Get real and relevant first-hand work experience through a six-month internship during the third year with TV networks, production houses or other media-related businesses.

The Future
► Media Content Writer ► Scriptwriter ► Sub-editor ► News correspondent
► Web journalist ► Blogger ► Researcher ► Assistant Producer / Producer
► Director ► Educator

Further Studies • You can pursue degrees in journalism, mass communications, new media communications and other related degrees at local and foreign universities.
DIPLOMA IN MEDIA & COMMUNICATION (DMC) S86

The power of media and communication is in your hands, to impact, change and transform lives. You will carve a career in the glitzy world of advertising, public relations journalism or marketing. The field is so wide that careers are aplenty and options are limitless in the media and communication industry.

With this diploma course, you will get a solid foundation in critical mass communication areas that expands into the study of economics and management as well. The flexible programme allows you to either delve deeper into Radio and TV Production, Advertising Creative Services and Social Media, or choose a broader programme covering different areas.

The Experience

✓ The training you get goes far beyond books. You will find yourself working on creative communication projects for real clients, producing TV and radio programmes as well as print, online and video collateral using top-of-the-line equipment in our studio.

✓ If you want to develop your potential even further, you could pursue an additional qualification in digital film or theatre performance and production.

✓ Get real and relevant first-hand work experience through a three-month internship programme with some of the best media and communication organisations.

The Future

► Public Relations Executive ► Advertising Executive ► PR Consultant
► Communications Executive ► Marcom Executive ► Journalist ► Designer
► Radio or TV presenter

Further Studies ➞ You can apply for degree programmes with local and overseas universities. Some of these universities grant generous exemptions and advanced standing, admitting you directly into the second or final year of their three-year degree programmes.
Digital Media & Infocomm Technology

Digital Media and IT Rock the World

New media has revolutionised the world. SP’s School of Digital Media & Infocomm Technology (DMIT) wires you up to become the next generation of pioneers in the digital world.

- BUSINESS INFORMATION TECHNOLOGY
- DIGITAL ANIMATION
- DIGITAL MEDIA
- INFOCOMM SECURITY MANAGEMENT
- INFORMATION TECHNOLOGY
- MUSIC & AUDIO TECHNOLOGY
- VISUAL EFFECTS & MOTION GRAPHICS

ANDREE RIVER SELENE
1ST YEAR - DIPLOMA IN VISUAL EFFECTS AND MOTION GRAPHICS

For more information regarding entry requirements and course information, please contact:

SP
SCHOOL OF DIGITAL MEDIA & INFOCOMM TECHNOLOGY
Tel: (65)-6772-1900
Fax: (65)-6779-7912
Email: dmit@sp.edu.sg
www.sp.edu.sg/schools/dmit
DIPLOMA IN BUSINESS INFORMATION TECHNOLOGY (DBIT) S82

The key to any successful business lies in its business marketing strategy. Get it right and you go up. Get it wrong and you go down. With the growing popularity of new media channels and internet services, business marketing has to be done differently. This diploma course will equip you with core IT knowledge and expertise in business management. With an entrepreneurial spirit, you can help businesses tap on social media tools such as Facebook, iPhone Apps, Twitter and Youtube to gain a competitive edge and to harness this power to innovate business processes.

**The Experience**
- Offers a mix of business and information technology curriculum, equipping you with both business and IT competencies to enable you to play a vital role in helping organisations combine business development with the latest in IT development.
- Beyond the classroom activities, projects and competitions.
- Get real – gain relevant and first-hand work experience through local and overseas internships with reputable companies and organisations.
- Acquire globally recognised professional certifications through partnerships with SAP University Alliance Programme (SAP UAP) and SUN Academic Initiative (SAI).

**The Future**
- IT Business Analyst
- Programmer Analyst
- Web Application Developer
- IT Trainer
- Entrepreneur
- E-Business Consultant
- Business Development Manager
- IT Sales Executive

**Further Studies** ➡ Gain direct entry into the second or third year of undergraduate study in either business or IT degrees in local or overseas universities in Australia, UK and the US.

DIPLOMA IN DIGITAL ANIMATION (DDA) S35

With digital animation, your fantasy world can go as wild your imagination takes you. Tell a story; bring your characters to life.
This diploma course covers the full spectrum of the animation pipeline from conceptualisation to post production, with a specialisation in one of two tracks: character animation or character creation. You will study methods to create realistic movements in 3-D digital environment and work in teams to gain practical experience. Topping it up is a solid production experience lasting 17 weeks where you will work on real projects.

**The Experience**
- Comprehensive learning experience through industry workshops conducted by renowned companies such as Puzzle Animation (“AIGGO” World Cup animated TV series) and Remedy Entertainment (“Alan Wake” XBox game); industry visits; overseas study trips and immersion programmes at Studio Ghibli (Japan) and MIT-Gambit (USA).
- Participate in projects and international showcases such as Annecy in France HDFest in USA and SIGGRAPH Asia (Japan 2009, Korea 2010).
- A-Team lecturers who graduated from some of the world’s top 10 animation schools and have worked...
with high-profile companies such as TECMO KOEI Singapore (a Japanese games studio), Red5 Studios (Shanghai, China), and Infinite Frameworks Studios.

✔ Gain relevant and first-hand work experience through local and overseas internship programme with reputable organisations.
✔ Our animation studios are equipped with the latest tools and designed to motivate and inspire creativity.

**The Future**

- Concept Artist
- Illustrator
- Character Designer
- Storyboard Artist
- Layout Artist
- 2D Animator / 3D Animator
- 3D Modeler Digital Lighting Artist

**Further Studies**

Gain direct entry into the second or third year of undergraduate study in relevant degree courses in local schools such as NTU’s School of Art, Design and Media or overseas institutions such as Vancouver Film School, DigiPen Institute of Technology.

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**Diploma in Digital Media (DDM) S$57**

Everyone is engaged in this new medium like never before. Digital media is radically changing the way we interact, share information, learn, shop, bank, watch movies and many more. This diploma course will equip you with essential knowledge and skills to develop original and innovative media content. Develop cool apps for mobile devices like iPhone and iPad; create Wii games or design blogskins. Build rich media content and deploy it on a multitude of platforms such as desktop, web, smart phones, and gaming devices.

**The Experience**

✔ We train you to be versatile and conversant with a wide range of
media and interfaces: print, web, blogskins, games, animation and video.

- Comprehensive learning experience through hands-on work, guest lectures, field trips and industry visits.
- You gain relevant and first-hand work experience through a semester-long internship programme under the supervision of a mentor.
- Our animation studios are equipped with the latest tools and designed to motivate and inspire creativity.
- Gain a head start in your career by acquiring industry certification like Adobe Certified Associate.

The Future
- Web Designer / Developer
- Interface / Interactive Designer
- Mobile / Game Developer
- Graphic Designer
- Multimedia Developer / Specialist

Further Studies ➔ Gain direct entry into the second or third year of undergraduate study in relevant degree courses in local and overseas universities. You can also pursue a degree course in either arts or computer science.

DIPLOMA IN INFOMCOM SECURITY MANAGEMENT (DISM) S54

The threat to cyber security has never been so real. Hackers and software viruses are threatening individuals and corporations daily. The more we rely on the network to store and manage important information and transactions, the more we need to keep it safe from cyber crimes.

If you are always game for a challenge in solving computer programming problems, you have what it takes to be an infocomm security specialist. This diploma course is designed to train such specialists where you will be equipped with the skills to counter and manage cyber security threats.

The Experience
- We boast the most complete training in all facets of infocomm security - core knowledge in information technology, security technology and management, communication skills, ethics and law.
- Comprehensive learning experience through hands-on work, local and overseas field trips, projects and IT security competitions.
- State-of-the-art Infocomm Security Labs with latest equipment such as biometric devices for fingerprint recognition and and face recognition
- The SP-D-Link Network Security Lab and the SP-Symantec Infocomm Security Lab to where you get valuable hands-on training.
- Acquire acquiring industry certification such as CompTIA Security+, ThinkSECURE Organisational Systems Security Analyst (OSSA), EC-Council Certified Ethical Hacker, Computer Hacking Forensic Investigator, Red Hat Certified Technician / Engineer, Sun Certified Java Programmer, etc.
- We partner NUS in a Preparatory Programme which is offered during year 2 and 3 which would lead to a Bachelor of Computing.

The Future
- IT Security Consultant
- Computer Forensics Investigator
- Security / System Administrator
- IT Auditor
- Security Engineer
- Application Developer

Further Studies ➔ Gain direct entry into the second or third year of undergraduate study in relevant degree courses in local and overseas universities in Australia, UK and the US.
DIPLOMA IN INFORMATION TECHNOLOGY (DIT) S69

Information technology (IT) has profoundly altered the way we live, work, play, communicate and learn. There is no way anyone can survive in this day and age without it. As our world becomes an information-based society, managing, storing and making data more reliable and easy become all the more important. This diploma course equips you with a strong foundation in infocomm technology, problem-solving and communication skills, opening a superhighway of career opportunities in almost any industry under the sun.

The Experience

✓ Get a solid IT foundation during your first year and thereafter choose an option in either Game Development Option (or Solutions Development Option).
✓ Gain relevant first-hand work experience through a semester-long internship programme and also real-life industry projects at the SP-based SME Infocomm Resource Centre.
✓ State-of-the-art workstations and gaming consoles that support game development in multiple platforms will be your learning environment.
✓ Acquire globally recognised professional certifications such as Sun Certified Java Programmer (DCJP), Certified Ethical Hacker, Red Hat Certified Technician, and Adobe Certified Associate.
✓ Benefit from industry-class software through our collaboration with partners such as Banyan Tree Hotels and Resorts, CyanSYS, and Microsoft (Singapore).

The Future

► Software Engineer ► Analyst Programmer ► Game Developer ► Graphics Programmer
► IT Consultant ► Web Application Developer ► Information Systems Officer ► IT Business Analyst ► E-Business Consultant

Further Studies ► Gain direct entry into the second or third year of undergraduate study in relevant degree courses in local and overseas universities in Australia, UK and US.

DIPLOMA IN MUSIC & AUDIO TECHNOLOGY (DMAT) S97

Be that cool dude behind the sound controls of a live concert or working on the theme and soundtrack for the next hit movie. This diploma course will help you achieve your musical dreams.
SP is the only polytechnic offering this unique course which trains you well for the music and entertainment industry, attuning you with specialised knowledge in the creation and production of music and audio materials through the use of a variety of software and hardware tools.

**The Experience**
- ✔️ The only course that combines music composition with recording and mixing thereby training you to be an all-round music producer.
- ✔️ Comprehensive learning experience through hands-on practice, industry talks, local and overseas field trips.
- ✔️ Get involved in real-life industry projects and competitions such as Yamaha Asian Beat Band, Yamaha Electone Festival and other competitions.
- ✔️ Gain relevant first-hand experience by working in a recording studio or audio-related company during your internship.
- ✔️ Out labs and studios are equipped with state-of-the-art hardware and software for computer music composition, MIDI sequencing, audio recording, and digital audio editing.

**The Future**
- ▶ Recording Engineer ▶ Live Sound Engineer ▶ Music Publisher / Producer / Composer ▶ Music Arranger
- ▶ Music Educator

**Further Studies** ➔ Gain direct entry into the second or third year of undergraduate study in relevant degree courses in local and overseas universities. Our School has close ties with Lancaster University (UK), Keele University (UK) and The University of Queensland (Australia).

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**DIPLOMA IN VISUAL EFFECTS & MOTION GRAPHICS (DVEMG) $39**

It’s the world where the magic unfolds and everything and everyone seem surreal. This is the world of visual effects and motion graphics where the digital possibilities are endless. This diploma course equips you with the knowledge and skills to develop eye-catching visual effects and presentations. You will learn to integrate live-action footages with computer-generated imagery to create scenes which would otherwise have been impossible to capture on film. Using video and animation technology, you will bring static images to life!

**The Experience**
- ✔️ SP is the only polytechnic that offers a course in both Visual Effects and Motion Graphics.
- ✔️ Plenty of opportunities for competitions, real projects, overseas study trips and exchange programmes.
- ✔️ Gain relevant first-hand work experience through a semester-long internship programme with reputable local and overseas companies such as Infinite Frameworks, Blackmagic Design and MediaCorp Studios.
- ✔️ Learn and train in fully-equipped studio facilities that support effects makeup and wire stunts to enhance storytelling; and cutting edge computer and video technologies to integrate live-action footage with textural graphics.

**The Future**
- ▶ Compositor ▶ Digital Artist ▶ Modeler ▶ Motion Graphics Designer ▶ Effects Animator
- ▶ Rotoscopy Specialist ▶ Matchmoving/Tracking Artist ▶ Motion Capture Artist

**Further Studies** ➔ Gain direct entry into the second or third year of undergraduate study in related areas at local and overseas universities.
Good Design Can Change the World

SP Design School knows the art of unlocking the inner designer in you, shaping you into an innovative future designer - one that creates good and meaningful experiences. Our students have consistently won numerous awards at local, regional and international competitions.

+ VISUAL COMMUNICATION & MEDIA DESIGN
+ EXPERIENCE & PRODUCT DESIGN
+ GAMES DESIGN & DEVELOPMENT
+ INTERIOR DESIGN

◆ ANNABELLE SETO
3rd YEAR -
DIPLOMA IN
VISUAL COMMUNICATION & MEDIA DESIGN

For more information regarding entry requirements and course information, please contact:

Tel: (65)-6772-1718
Fax: (65)-6775-1581
Email: sd@sp.edu.sg
www.sp.edu.sg/schools/sd
DIPLOMA IN EXPERIENCE & PRODUCT DESIGN (DXPD) S51

The future for designs in products and services lies in creating an experience beyond themselves – one that goes beyond form and function and deliver an experience to be engaged, enjoyed and enlightened. This diploma course aims to ignite the design spark in you and shaping you as the next industrial and product designers.

You will be exposed to the many facets of experience design from spaces to services; from gadgets to gizmos. The distinctive programme features topics such as Experience Design Thinking, User Research Methods, Storyboarding, Ideation, Concept and Design Development and Communicating ideas, to help you create radical and creative concepts with the user experience in mind.

**The Experience**

✔ Comprehensive learning experience through design forums and workshops conducted by renowned designers.
✔ Beyond the classroom activities that include projects and international design competitions such as Muji Design Award, Red Dot Concept and Bombay Sapphire.
✔ Get real and relevant first-hand work experience through local and overseas internship programme with reputable companies and organisations.
✔ Learning at Design Facility, an experimental hub where you can engage in research and design methods to create collections of objects and experiences for international exhibition platforms.

**The Future**

► Experience Designer ► Product Designer ► Industrial Designer ► Interactive Media Designer
► Design Consultant ► Exhibition Designer ► Stage Set Designer ► Merchandise Display Artist
► Furniture Designer

**Further Studies** ➜ Gain direct entry into first or second year of related degree course at local and overseas universities.
Diploma in Visual Communication & Media Design (DVMD) S93

If first impressions count, then one of the most powerful tools has to be visual communication. In its many forms, its use through print, web and moving images, such as film, TV and video, has the power to inform, impress and invoke a response from the viewer.

If you appreciate the power and beauty of visual communication, this diploma course will unleash your passion. Our comprehensive programme exposes you to the many facets of visual communication and media design, from graphic design, digital photography, 3D and video production, interactive design to branding communications.

The Experience

✓ We offer a structured programme that gives you firm grounding in the design fundamentals while imparting formal skills needed to think critically and solve problems creatively.
✓ Work and learn in The Student Agency – a full-fledged advertising agency that provides opportunities for advanced students to work on real projects.
✓ Learning in our specially-built Design Studios, Drawing Studios and Photography Studios to best facilitate artistic exploration and experimentation.
✓ You get comprehensive learning experience through design forums, industry visits, overseas study trips, projects and international competitions.
✓ You get real and relevant first-hand work experience through Industrial Attachment Programme with reputable organisations, exposing you to work on real-world design projects and clients.

The Future

➤ Graphic Designer ➤ Visual Communicator ➤ New Media Designer
➤ Desktop Publishing Designer ➤ Visual Media Producer ➤ Illustrator ➤ Visualiser
➤ Photographer ➤ Packaging Designer ➤ Web Designer ➤ Digital Artist
➤ Creative Marketing Catalyst ➤ Interactive Designer

Further Studies ➤ Gain direct entry into first or second year of related degree course at local and overseas universities.

Diploma in Games Design & Development (DGDD) S56

Let the games begin. The hunt is on for a special group of talented and creative youth – those who do not just thrive in playing games, but appreciate the concept and idea behind the game. Get into the game and get the most out of your skills and creativity.
with this diploma course. We can train you to be a well-rounded entrepreneurial Game Designer, Level Designer or 2D & 3D Games Artist who can design and develop a game idea from conceptualisation to production, packaging, marketing and distribution.

**The Experience**

- Comprehensive learning experience through design forums and workshops.
- Beyond the classroom activities through projects and design competitions.
- Get real and relevant first-hand work experience through Industrial Training Programme with reputable companies and organisations.
- Terrific learning environment with specially-built studios and labs such as the Design Studio, Digital Media Lab, Game Testing and Evaluation Lab and a Motion-Capture Studio.

**The Future**

- Game Designer ➤ Level Designer ➤ Digital Content Creator ➤ Game Quality Assurance Tester
- Texture Painter ➤ 3D Modeller ➤ Conceptual Artist ➤ Interactive Media Designer
- User Experience Designer ➤ Web Designer

**Further Studies** ➤ You can pursue higher studies in related fields in Singapore, Australia, UK and USA.

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**DIPLOMA IN INTERIOR DESIGN (DID) S89**

The space we live and work in affects how we think. You can transform lives for the better by creating functional and inspirational spaces to live, work and play in.

Through this diploma course, you can be a well-rounded creative designer who is able to conceptualise an aesthetic vision into a space that is safe, functional, attractive, and meaningful to the user.

**The Experience**

- A dynamic project-based earning approach using real-world projects, to develop in you an investigative, analytical and open mind.
- Comprehensive learning experience through workshops, site visits, overseas study trips, projects and design competitions.
- You get involved with real and relevant first-hand work experience through local and overseas internship programmes with reputable companies and organisations.
- An inspiring studio environment that will develop your ability to be an independent player or a team player in an interior design practice.

**The Future**

- Interior Designer ➤ Project Manager for interior works ➤ Stage-set Designer ➤ Exhibition Designer
- Merchandise Display Artist ➤ Computer Graphics Designer or Animator

**Further Studies** ➤ Gain direct entry into various undergraduate degree programmes offered by local and overseas universities.
Architecture & Built Environment

You have the power to transform the environment. SP’s School of Architecture and the Built Environment is the first (since the 1950s) and most established school in the training of professionals in the built environment.

+ Architecture
+ Civil Engineering
+ Business
+ Environmental Management & Water Technology
+ Hotel & Leisure Facilties Management
+ Integrated Events & Project Management
+ Landscape Architecture

Zheng Jianping
1st Year - Diploma in Integrated Events & Project Management

For more information regarding entry requirements and course information, please contact:

SP School of Architecture & The Built Environment

Tel: (65)-6772-1322 / 6772-1112
Fax: (65)-6772-1973
Email: abe@sp.edu.sg
www.sp.edu.sg/schools/abe
DIPLOMA IN ARCHITECTURE (DARCH) S66

If you derive greatest satisfaction in seeing your vision of spaces come to reality, the Diploma in Architecture (DARCH) is the design cum technical programme which provides opportunities to explore and discover your talent in architectural design with the application of building technology.

You can experience the fulfilment of evolving designs; develop critical and creative thinking while integrating architectural design theories and technology. Personalised consultations with your tutors will guide you through the design, building documentation and detailing processes which mirror the needs of industry practice.

**The Experience**
- Integrated project-based learning approach to develop critical and creative thinking.
- Peer learning through interaction in design studios.
- Holistic learning experience through enrichment talks, site visits, overseas study trips, critique sessions.
- Beyond the classroom activities, projects and competitions to develop an entrepreneurial culture.

**The Future**
- Architectural Assistant
- Architectural Technologist
- Architectural Project Co-ordinator
- Digital / Graphic Designer
- Architectural Model-Maker
- Computer Graphics Illustrator

**Further Studies** ➔ Gain direct entry into 1st or 2nd year of architectural degree course at local and overseas universities.
DIPLOMA IN CIVIL ENGINEERING WITH BUSINESS (DCEB) S68

The Diploma in Civil Engineering with Business (DCEB) course is a broad-based and multi-disciplinary course that provides you with training in civil engineering within the context of a business environment.

**The Experience**
- Conceive-Design-Implement-Operate (CDIO) framework curriculum with hands-on capstone projects at different levels of competency, prepares you to be work-ready, life-ready and world-ready Industry-linked learning through Final Year Projects (FYPs) and internship programmes.
- Holistic learning experience through exhibitions, talks, web portals, local and overseas field trips.
- Beyond the classroom activities, competitions and community service projects to develop an entrepreneurial culture. Broad-based training which includes business-related modules opens up further education and work opportunities besides civil engineering into various businesses.

**The Future**
It’s a new chapter of life after DCEB. What will it be like?
- Assistant Project Managers
- Assistant Structural Designers / Draughtspersons
- Construction Supervisor
- Sub-Contractor Supervisors
- Building Site Safety Supervisor
- Resident Technical Officer
- Marketing Sales Executives

**Further Studies**
Obtain degree course in Construction Management at SIM or a related degree in two years from Australian and British universities. Gain direct entry into 2nd year of civil engineering degree course at NTU and NUS.
DIPLOMA IN ENVIRONMENTAL MANAGEMENT & WATER TECHNOLOGY (DEWT) S52

If you care about our bio-physical environment, this diploma course is the launch pad for you to kick start a career in making our world a cleaner, safer and better place. The DEWT course is the most multi-disciplined programme offered here and is designed to equip you for a career in a cross-disciplinary environment. The environmental and water technologies sector, an emerging high growth industry in Singapore, is expected to triple to $1.7 billion by 2015 with the number of jobs doubling to 11,000.

The Experience
- You get to learn with the latest equipment.
- Industry-linked learning through Final Year Projects (FYPs) and internship programmes.
- Holistic learning through public exhibitions, talks, web portal, local and overseas field trips.
- Beyond the classroom activities, competitions and local and overseas community service projects.

The Future
- Environmental Technologists
- Engineering Assistants
- Research Assistants
- Water and Wastewater Treatment Specialists
- Workplace Health and Safety Auditors
- Marketing Executives.

Further Studies ⇝ Obtain degree course in a related degree in two years from Australian and British universities. Gain direct entry into second year of environmental and civil engineering degree course at NTU and NUS.

DIPLOMA IN HOTEL & LEISURE FACILITIES MANAGEMENT (DHLFM) S95

If first impressions count, then you can surely tell a lot about a place by how and who manages it. Hospitality business, the fastest growing industry in the 21st century, is looking for savvy hotel and facilities managers who will help grow this industry.

This diploma course trains you in two distinct areas - hotel management and facilities management of hotels, resorts, serviced apartments, commercial buildings, housing apartments, hospitals and other physical assets.

The Experience
- Flexibility to specialise in Hotel & Leisure Management or Property Facilities Management in the final year.
Industry-linked learning through a one-semester internship programme during the final year of studies.

Beyond the classroom activities and local and overseas study trips.

Broad-based training that includes elective modules in the second year such as business & management, science & technology, humanities & social sciences.

**The Future**

- Further Studies Hotel Facilities Manager
- Front Office Manager
- Rooms Division Manager
- Hotel Marketing & Sales Executive
- Venue Manager
- Operations & Logistics Manager
- Property Facilities Manager
- Contracts Manager
- Property Executive

**Further Studies**

Gain direct entry into second year in related degree courses either locally and abroad.

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**DIPLOMA IN INTEGRATED EVENTS & PROJECT MANAGEMENT (DEPM)**

Dynamic and fast-pace; never a dull day... this would best describe the life of an event and project manager. This diploma course prepares you to meet the needs of a rapidly growing events management industry.

Singapore was ranked in 2005, as the second most popular Convention City in the world having hosted 125 international events / conventions that grossed S$3.24 billion in revenue. With the diverse range of events and the skills required, you will be trained with a combination of both soft business management as well as technical skills.

**The Experience**

- Industry-linked learning through final year project and an internship programme during the second year of studies.
- Beyond the classroom activities and field trips.
- Broad-based training that includes elective modules in the second year such as business & management, science & technology, humanities & social sciences.

**The Future**

- Event Coordinator
- Event Executive
- Event Marketing Executive
- Event Concept Planner
- Venue & Facilities Manager
- Operation & Logistics Manager
- Event Manager
- Project Manager

**Further Studies**

degree courses with overseas universities that grant one-year exemption. With good grades you can also apply for local universities.
DIPLOMA IN LANDSCAPE ARCHITECTURE (DLA) S94

Landscape architects are empowered with the ability to design fresh ways with which to perceive our environment. It’s a design discipline that is concerned with the quality of our surrounding.

The Diploma in Landscape Architecture (DLA) course aims to train you to become competent in the theory and practice of landscape design; to transform our world into a garden city.

**The Experience**

✓ Personalised consultations with tutors to guide you through the design and application of landscape design history and theory, horticulture, landscape technologies, environmental systems and processes and landscape management practice.

✓ Peer learning through interaction in design studios and holistic learning experience through enrichment talks, site visits, overseas study trips, critique sessions.

✓ Beyond the classroom activities, projects and competitions.

**The Future**

▶ Landscape Architect Assistant ▶ Landscape Designer ▶ Landscape Contractor ▶ Parks & Recreation Officer

**Further Studies** ➤ Gain direct entry into first year of architectural degree course in universities abroad.
Chemical & Life Sciences

Discovery Drives Us

The search for new knowledge and a new understanding of the world around us; the hunger to make remarkable progress in how we live - these are hallmarks of the people in the chemical and life sciences industries.

- Applied Chemistry with Pharmaceutical Science
- Biomedical Science
- Biotechnology
- Chemical Engineering
- Food Science & Technology
- Materials Science
- Nutrition, Health & Wellness
- Optometry
- Perfumery & Cosmetic Science

Angeline Ng
2nd Year - Diploma in Optometry

For more information regarding entry requirements and course information, please contact:

SP School of Chemical & Life Sciences
Tel: (65)-6772-1135
Fax: (65)-6772-1976
Email: cls@sp.edu.sg
www.sp.edu.sg/schools/cls
DIPLOMA IN APPLIED CHEMISTRY WITH PHARMACEUTICAL SCIENCE (DACP) $64

Can you alter a hazardous substance into a biodegradable one to help save the environment? The answer lies in chemistry — using the knowledge to discover and solve problems in every field. This diploma course equips you with the ability to discover and solve problems in every field that involves chemistry. You will think analytically and act independently. If you want to invent useful things; if you want to help solve crimes; if you’d like to be involved in the research, testing, and manufacture of new drugs; this course is for you.

The Experience
✔ This is the only diploma course in Singapore that combines applied chemistry with pharmaceutical science.
✔ It has the right balance of theoretical and practical components using the latest emerging technologies.
✔ One of the fastest growing field of science ie forensics is offered as a module in our programme.
✔ You get opportunities for work attachments or research experience in companies or local and foreign institutions as far as China, Ireland, Australia and the UK.
✔ Practicals and project work are carried out in modern facilities with updated equipment such as the Analytical and Forensic Chemistry Laboratory, the Green Chemistry Laboratory and the Pharmaceutical Laboratory.

The Future
► Assistant Chemist ► Technologist ► Quality Control Supervisor ► Analyst ► Assistant Engineer

Further Studies ● Gain direct entry into second or third year of a degree programme by local and overseas universities.

DIPLOMA IN BIOMEDICAL SCIENCE (DBS) $98

Challenge yourself to save lives. There is an increasing need for a deeper understanding of the human body and the effects of drugs and diseases upon it. In this diploma course, you will understand how diseases develop and affect the function of the human body. You will learn to test, diagnose, manage and prevent diseases. SP’s School of Chemical & Life Sciences is recognised by the healthcare and educational communities as the premier educational institution and resource centre for lifelong learning in the applied health sciences.

The Experience
✔ Sound foundation and opportunity to study the latest topics in biomedical sciences with a choice in three areas of specialisation – biomedical research, medical technology and cardiac technology. Only institution in Singapore that provides training in the complete range of clinical laboratory testing.
Only institution in Asia that awards a formal diploma with a cardiac technology option.
Opportunity to graduate with an additional qualification - Certificate in Phlebotomy.
For your internship, you will alongside leading technologists and physicians in the field of cardiovascular and cardiac technology at the National Heart Centre; or be attached at overseas prestigious institutions such as Harvard, Yale and Imperial College.

The Future
- Medical Technologist
- Cardiac Technologist
- Research Assistants in disease surveillance, forensics and pharmaceutical research
- Sales and Marketing for pharmaceutical and healthcare sectors.

Further Studies ➔ We have a high percentage of placement at local universities with flexibility to pursue courses that include Medicine and Dentistry at NUS. You can gain direct entry into second or third year of degree programmes in local, UK and Australian universities.

DIPLOMA IN BIOTECHNOLOGY (DBT) S72

Biotechnology is a controlled and deliberate manipulation of biological systems (whether living cells or cell components) for the efficient manufacture or processing of useful products such as food, fuel and medicine.

Biotechnology is the science for this century and SP is the first among the polytechnics to offer this diploma course. The course has produced award-winning local scientists. With Singapore’s positioning as a biohub, rapidly expanding biotechnology and biomedical industries opens the door to many career possibilities.

The Experience
- Covers a diversity of subjects suitable for laboratory-based careers in universities, government or private research institutions.
- Skills learnt are also sought after in life science-related biomedical, bio-pharmaceutical, commerce, food or teaching industries.
- Strong emphasis on practical hands-on training in specialised laboratories and through internship as well as final year project.
- Local and overseas internship provide you with the opportunity to work with prominent scientists and researchers in universities and research institutions.

The Future
- Lab assistants in R&D in applied sciences
- Technical Specialist in clinical trials, biotechnology, bio- pharmaceutical and healthcare products and services
- Teacher

Further Studies ➔ Gain direct entry into second or third year degree programmes in overseas universities. Flexibility to pursue other courses such as science, biomedicine, pharmacy, medicine, dentistry and teaching in local universities.
DIPLOMA IN CHEMICAL ENGINEERING (DCHE) S70

If you see yourself developing products and processes to improve the quality of life, this is for you. Chemical engineering, the broadest scope among the branches of engineering field, applies the principles of chemistry, math, and physics to the design and operation of large-scale chemical manufacturing processes. This diploma course trains you to apply chemical engineering principles in the production of chemical products, systems or services. You will become a self-motivated and quick learner who is technically-competent. Your goal is to translate discoveries birthed from the labs and make them into real world products.

The Experience

✔ This diploma course is internationally recognised and has been accredited since 1996 by the Institute of Chemical Engineers (IChemE) in the UK.
✔ Teaching staff comprise highly qualified and experienced engineers who have established strong links with industry, as well as universities and research institutes.
✔ Well-equipped labs with instrumented pilot plants and state-of-the-art computer control systems. You will benefit from hands-on experience in operating a whole range of process equipment.
✔ You will undergo a specially customised internship programme at the Chemical Process Technology Centre (CPTC) on Jurong Island, which allows you to experience working on an actual chemical plant.

The Future

► Process Technologist ► Environmental Engineer ► Assistant Engineer ► Facilities Engineer
► Sales Engineer ► Safety Officer

Further Studies ➔ Gain direct entry into second or third year degree programmes in overseas universities. Flexibility to pursue courses with local universities.

DIPLOMA IN FOOD SCIENCE & TECHNOLOGY (DFST) S47

You love food and desire to develop safer, healthier and tastier food. Since the inception of the food technology programme in 1972, SP has been producing quality graduates who excel in the food industry. Our students have also developed food and beverage products that are now commercialised, such as the very popular Pokka Lemonsi.

You get the chance to work with the Food Innovation & Resource Centre that provides consultancy services and training sessions for food companies.
**The Experience**

✔ This diploma course combines both theory and hands-on training through practical and assignments.

✔ You are encouraged to experiment and explore our well-equipped facilities including labs for food flavours, food analysis, food product development, food quality and sensory evaluation, and food processing and packaging.

✔ You get opportunities to acquire real working through staff consultancy projects and applied R&D with the industry.

✔ Get the chance to invent new food products. Our staff and students have commercialised a portfolio of food products including the Lemon & Kalamansi drink, Two-Ply Noodles, XO Kaya, Yamie Rice, Rainbow Rice and Elderflower Tea.

**The Future**

► Food Technologist  ► R&D Technologist  ► Teacher Production Superintendent  
► Food Packaging Technologist  ► Food Safety Officer  ► Laboratory Technologist

**Further Studies**

► You can choose to study at universities offering courses in food science and technology, nutrition and dietetics. You can also apply for the Bachelor in Food Technology (Hons) programme offered by Massey University, New Zealand, one of the world’s top universities in food technology. The course is conducted at SP campus and you get your degree in two years!

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**DIPLOMA IN MATERIALS SCIENCE (DMLS) S37**

To develop new products and technologies that will enhance our life, we must learn to make the best use of the materials we already have, and develop new materials for the future. This diploma course will equip you with skills and knowledge relevant to this rapidly evolving environment.

Materials Science has become a key discipline in the competitive global economy and is recognised as one of the technical disciplines with the most exciting career opportunities. Developments in the automotive, lifestyle products and services, natural resources, nanotechnology and intelligent systems sectors will drive the demand for materials.

**The Experience**

✔ A distinctive feature of the diploma is the inclusion of management skills training. This new diploma is built on the solid heritage of our renowned Diploma in Chemical Process Technology (now re-launched as DACP course).

✔ We have a wide range of modern and sophisticated equipment found in our Polymer Characterisation Centre, Polymer Chemistry Laboratory, Polymer Processing Laboratory, Materials Science Laboratory as well as the Advanced Materials Technology Centre.

✔ Get Real - A wide range of local and overseas industrial attachment opportunities as well as a challenging final year project will provide you with real working and research experience.
You are a people person, you care about health and want to make a positive impact in the lives of people you meet. In a nutshell, you are an advocate for health and wellness.

SP is the only polytechnic offering this diploma course that combines nutrition, health and wellness. The nutrition and health science focus prepares you to integrate health and wellness with a science-based nutrition programme. You will explore the role of exercise and nutrition in disease prevention and control; as well as the maintenance of good health.

**The Experience**

✔ Experiential learning at the Nutrition, Health and Wellness Centre which houses labs in nutrition & metabolic, alternative health, exercise physiology, physical fitness and health food preparation.

✔ You get opportunities to serve the community through health and wellness outreach programmes held at the Centre.

✔ You can look forward to honing your skills with a 15-week internship programme at with reputable organisations.

**The Future**

Nutrition, Health and Wellness Technologist ➤ Assistant Nutritionist ➤ Wellness Co-ordinators

Public Health Co-ordinators ➤ Healthy Lifestyle Promotion Co-ordinators

**Further Studies** ➤ You can join universities that offer courses in nutrition and dietetics, health promotion, sports science or other disciplines.
DIPLOMA IN OPTOMETRY (DOPT) S67

Take a moment to consider the importance of eyesight and the effects once it is lost. The scope of Optometry includes the detection of common eye diseases and problems. It also covers the prescription of spectacles and contact lenses.

SP is the first to offer this diploma course with two full-equipped Optometry Centre. It will train you to be a professionally competent optometrist. Due to the high prevalence of myopia in children and a rapidly ageing population, quality optometrists are well sought after.

The Experience

✔ SP is the first tertiary institution in Singapore to offer this unique course. Our graduates are eligible to register as qualified optometrists with the Optometrists and Opticians Board.
✔ SP is the only institution in Singapore that offers both Diploma and Degree in Optometry.
✔ SP has excellent clinical and lab facilities and two Optometry Centres to provide you with hands-on experience using state-of-the-art precision instruments and equipment.
✔ You get the chance to widen your scope and experience in Optometry during your attachment either at selected hospitals, contact lens or ophthalmic lens companies. You can also participate in overseas community service projects and attachments to various optometry schools and research institutions abroad.

The Future

▸ Optometrist ▸ Professional service executives or managers
▸ Researcher in institutions such as the Singapore Eye Research Institute.

Further Studies ➤ You can apply for the two-year Bachelor of Science (with Honours) in Optometry programme offered by the University of Manchester, equivalent to the full-time programme conducted in the UK. Conducted at SP campus, this degree programme is approved and subsidised by the Ministry of Education.
DIPLOMA IN PERFUMERY & COSMETIC SCIENCE (DPCS) S38

Fancy the idea of creating a unique fragrance worn by many? How about your own brand of cosmetics that will revolutionise the booming industry?

SP is the only polytechnic offering this diploma programme that provides training in the areas of chemistry, perfumery and cosmetic science. As a graduate from this course, you will be most sought after in the fast growing personal care, cosmetics, fragrance and chemical industries.

The Experience
✓ The only diploma among the polytechnics that offers specialisation in Chemistry, Perfumery and Cosmetic Science.
✓ Learning in the state-of-the-art Cosmetics and Fragrance Centre which successfully commercialised a room scent and the Romancing Singapore series of perfumes.
✓ The course extends beyond science to areas in business and marketing where you can branch out to careers in business and marketing.
✓ You will participate in exciting hands-on activities such as smelling exercises, the making of perfumery and cosmetic products and organic synthesis of chemicals for raw materials.
✓ You will get attachments to a chemical company or a flavour and fragrance house where you can apply your knowledge and training.

The Future
► Chemist ► Product development Specialist ► Product Application Chemist ► Quality Control Chemist ► Product Formulators

Further Studies ➪ You can pursue further studies locally or overseas in the areas of cosmetic science, perfumery and chemistry.
Engineering
The Designer Engineer

It’s ultra cool to be an engineer. What you see around you – from the iPhone to the A380 aeroplane – are the incredible inventions of engineers. And who invented the robots? Of course it’s the engineer. We can’t live without them. SP is the first to combine engineering with design.

✚ AERONAUTICAL ENGINEERING
✚ AEROSPACE ENGINEERING
✚ BIOENGINEERING
✚ CLEAN ENERGY
✚ COMMON ENGINEERING PROGRAMME
✚ COMPUTER ENGINEERING
✚ ENGINEERING WITH BUSINESS
✚ ELECTRICAL & ELECTRONIC ENGINEERING
✚ INFO-COMMUNICATION ENGINEERING & DESIGN
✚ MECHANICAL ENGINEERING
✚ MECHATRONICS & ROBOTICS

Gain admission into second year of most engineering degree programmes in Singapore or get generous advance standings from overseas universities.

Outstanding students can apply to be a SP Engineering Scholar!

For more information regarding entry requirements and course information, please contact:

SP
SCHOOL OF
ELECTRICAL & ELECTRONIC ENGINEERING
Tel: (65)-6772-1815
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Email: eee@sp.edu.sg
www.sp.edu.sg/schools/eee

SP
SCHOOL OF
MECHANICAL & AERONAUTICAL ENGINEERING
Tel: (65)-6772-1206
Fax: (65)-6772-1975
Email: mae@sp.edu.sg
www.sp.edu.sg/schools/mae

<< LINCOLN YEO
2ND YEAR - DIPLOMA IN AERONAUTICAL ENGINEERING
DIPLOMA IN INFO-COMMUNICATION ENGINEERING & DESIGN (DICD) S85

In this modern age, we can’t possibly live without two very important technologies - Information and Telecommunication. Our smartphones, laptops, internet and broadband are all linked to these technologies.

As a communication engineer, you need to know the design, construction, operation and application of communication engineering technology. This revamped diploma course has the winning formula. It will equip you with a solid foundation in both the technical knowledge and design thinking skills needed to engineer the world of information and telecommunication.

**The Experience**

✔ This is the first engineering diploma in Singapore that formally incorporates design thinking modules in the course. More than 20% of programme time is dedicated to training on design thinking.

✔ You get a solid foundation training in four major growth areas - Next Generation Broadband Networks, Mobile / Wireless Communications, Computer Networking & Security and Internet Application Development.

✔ You will learn using state-of-the-art facilities designed with industry partners such as Cisco Systems, IBM and Red Hat for training in broadband networks, network security, IP telephony, wireless and mobile communications.

✔ Opportunities to take part in research oriented projects.

✔ Get real and relevant first-hand work experience through local and overseas Industrial Attachment Programme with reputable companies and organisations.

✔ You have a choice of Diploma-Plus programmes which will give you an extra edge in your career or a headstart in your further studies.

**The Future**

> Design Engineer  ▶ Design Specialist for infocomm products, systems and services
> Network Engineer  ▶ Network Sales Engineer  ▶ System Engineer
> Network Integration Consultant ▶ Service Developer / Provider ▶ Network Security Consultant ▶ Risk Management Consultant ▶ Security Application Specialist

**Further Studies**  ➔ Gain direct entry into the second year of related engineering degree programmes at local universities (NUS, NTU, UniSIM, SUTD) and overseas universities in Australia, New Zealand, US and UK.
DIPLOMA IN AERONAUTICAL ENGINEERING (DARE) S88

For as long as you can remember, when you first saw an aeroplane take flight, you were blown away.

This deep interest can soar into reality with this diploma course which provides you with a high degree of specialisation in aeronautical engineering knowledge to meet the needs of the booming aerospace industry in Singapore.

SP holds the distinction of being the first among the polys to offer this course and it is the most popular engineering course in Singapore.

The Experience

✔ This course is accredited by the Civil Aviation Authority of Singapore (CAAS) and fully aligned to the Singapore Airworthiness Requirements (SAR 66), specified by CAAS for the licensing of Aircraft Maintenance Engineers, students are allowed to sit for its SAR 66 Basic Examinations. No other polytechnic course is currently granted exemptions under SAR 66.

✔ Extensive training which consists of engineering foundation in the first year, followed by a high degree of specialisation in aeronautical engineering knowledge well prepares you for a career in this industry.

✔ Realistic Training on a real fighter jet. You will be exposed to practical training on real aircraft and its systems, with wind tunnels, static and full motion flight simulators, piston and gas turbine engine test cells, a variety of aircraft system simulators and three aircrafts (A4-SU Super Skyhawk fighter, Cessna 310 and UH-1H helicopter).

✔ A choice of Diploma-Plus programmes to give you an extra edge in your career or a headstart in your further studies.

✔ You get real and relevant first-hand work experience through local and overseas Industrial Attachment Programme with reputable companies and organisations, including Pratt & Whitney, a world leader in the design and manufacturing of aircraft engines.

The Future

➢ Aeronautical Engineering Technologist ➢ Aircraft Maintenance Engineers ➢ Flight Operations Assistant ➢ Flight Dispatcher ➢ Air Traffic Controller

Further Studies ➢ Gain direct entry into similar or related degree courses at renowned local and overseas universities in Australia, UK, USA, Canada and Hongkong.
DIPLOMA IN AEROSPACE ELECTRONICS
(DASE) S90

Your dream of flying cars can be a reality. If you want to be involved with the design of the next generation of fast jets and unmanned air vehicles (UAV), your dreams can take wings with this diploma course which provides you with a high degree of specialisation in aerospace electronics knowledge to meet the needs of the booming aerospace industry in Singapore.

SP holds the distinction of being the first to offer this diploma course which is one of the most sought-after engineering courses. In view of the expansion of the aerospace industry and its projected demand for some 10,000 jobs in servicing, manufacturing, maintenance, repair, overhaul of aircraft and aerospace components, the sky’s the limit for you.

The Experience

✓ This course is accredited by the Civil Aviation Authority of Singapore (CAAS) and is fully aligned to the Singapore Airworthiness Requirements (SAR 66), specified by CAAS for the licensing of Aircraft Maintenance Engineers, students are allowed to sit for its SAR 66 Basic Examinations. No other polytechnic course is currently granted exemptions under SAR 66.

✓ Extensive training with a high degree of specialisation in aerospace engineering knowledge prepares you to effectively support a wide spectrum of activities in the aerospace industry in Singapore.

✓ A choice of Diploma-Plus programmes to give you an extra edge in your career or a headstart in your further studies.

✓ Optional track for those who are more practice-oriented to complete their academic programme in five semesters so you can take on project work during the last semester.

✓ You get real and relevant first-hand work experience through local and overseas Industrial Attachment Programme with reputable companies and organisations, including Pratt & Whitney, a world leader in the design and manufacturing of aircraft engines.

The Future

➤ Aerospace Engineer Officer  ➤ R&D Engineer  ➤ Aircraft Maintenance Engineers

➤ Sales and Marketing Executive with aerospace companies

Further Studies ➤ You can gain direct entry into Electrical & Electronic Engineering or Aerospace Engineering degree courses at local universities such as UniSIM, NTU or NUS.

Or you can pursue Aerospace Electronics-related degree courses either in Australia, UK or USA and complete the Bachelor of Engineering (Honours) in Aerospace Systems (BEHAS) within two years after enrolment.

DIPLOMA IN BIOENGINEERING
(DBEN) S58

Engineering + Science, an exciting combination. You will develop solutions for the healthcare and biomedical sectors to improve health, prevent and treat diseases.

The vision to make Singapore a biomedical science hub has created many exciting career opportunities in this area. Singapore has established its position as a global site for pharmaceutical and medical technology with more than 30 world-class companies setting up their R & D, manufacturing or commercial operations in Singapore.
This diploma course will provide you with an extensive engineering foundation and bioengineering training that will well-equip you to be a bioengineer.

**The Experience**

- You will go through a comprehensive learning experience through hands-on lab works, enrichment talks and industry visits.
- Beyond the classroom activities such as clinical experience and research projects with hospitals.
- Extensive training which consists of engineering foundation in the first year, followed by specialisation in bioengineering knowledge.
- You will get real and relevant first-hand work experience with collaborative projects and through Industrial Attachment Programmes with reputable companies or organisations.
- You have a choice of Diploma-Plus programmes are offered to give you an extra edge in your career or a headstart in your further studies.

**The Future**

- Bioengineering Technologist or Engineer in bio-manufacturing companies, pharmaceuticals manufacturing plants, healthcare organisations and biomedical engineering services.

**Further Studies**

Gain entry into related degree courses at NUS and NTU with module exemptions or direct entry with advanced standings for related degree courses overseas.

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**DIPLOMA IN CLEAN ENERGY (DCEG) S45**

The world is talking about sustainable energy and environmental protection. With increasing global warming and depletion of fossil fuels, clean energy promises to be the answer to alternative green energy sources. Our government’s commitment to develop the clean energy market over five years will see $350 million pumped into this industry, more funding for R&D work and a creation on 7,000 jobs by 2015.

SP recognises the global attention in this area and in 2008 becomes the first polytechnic to offer this diploma course. We are the first to set up a solar system back in 1993, and the first to install a wind energy system in Singapore to harness clean energy. Get ready to be trained as the new generation of technologists who will power the future of clean energy.

**The Experience**

- You will get a solid foundation in physics, mathematics and communication skills, to help you understand energy conversion systems, solar energy systems, wind energy systems, bio-mass and fuel-cells.
- You will be trained in the Clean Energy Applications Laboratory equipped with 6- kW solar photovoltaic (PV) systems and a 2kW MicroGrid powered by various clean energy sources provide learning opportunities in the design and operation of various solar PV systems.
- Take part in activities and projects such as the National Clean Energy Research Test Bedding (CERT) project, the solar car and the electric vehicle.
- Optional track for those who are more practice-oriented to complete their academic programme in five semesters so you can take on project work during the last semester.
- Get real and relevant first-hand work experience through local and overseas Industrial Attachment Programmes with reputable companies and organisations.
- You have a choice of Diploma-Plus programmes which will give you an extra edge in your career or a headstart in your further studies.

The Future
- Technologist in the environmental and energy sectors
- Technical Officers
- Design Specialists
- Assistant Engineers in electrical engineering sector

Further Studies
- You can pursue further studies in engineering with local universities or gain advanced standing in degree programmes from prestigious universities such as the Australia National University (ANU), University of New South Wales (UNSW) (Australia) and University of Applied Sciences, Munich, (Germany).

DIPLOMA IN ELECTRICAL & ELECTRONIC ENGINEERING (DEEE) S99

Electrical and electronic engineering is a key component in many important industries that include aerospace, biomedical, communications, computer, power and microelectronics engineering.

The broadest and most dynamic of all engineering fields, electrical and electronic engineering covers everything from micron scale transistors to macro scale network systems. It’s a major sector in Singapore’s economy which accounted for an output of $63.9 billion or 30.6% of total manufacturing value in 2009.

This diploma course prepares you to be a competent and a much sought after technologist to meet the challenges of an industry that is moving superfast, making things better and faster for everyone.

The Experience
- The course is taught using the Conceive-Design-Implement-Operate (CDIO) framework which is used in several top universities in the world. You will have ample opportunities to design and build projects using Design Thinking and Business Development skills.
- The programme provides sufficient knowledge of electrical and electronics engineering and yet allows you the flexibility to select your specialisations during the 2nd and 3rd year according to your interests and ability.
- You get a comprehensive learning experience through field trips, activities, community service projects and competitions.
- You get real and relevant first-hand work experience through local and overseas Industrial Attachment Programme with reputable companies and organisations.
- Optional track for those who are more practice-oriented to complete their academic programme in five semesters so you can take on project work during the last semester.
- You have a choice of Diploma-Plus programmes which will give you an extra edge in your career or a headstart in your further studies.

The Future
- Electronic Engineer
- Communications Engineer
- Computer Engineer
- Electrical Engineer
Control Engineer ▶ Test Engineer ▶ Design Engineer ▶ Sales & Marketing Engineer

**Further Studies** You have the flexibility to further your studies locally or abroad in Electrical / Electronic / Biomedical Electronics Engineering. You gain direct entry into the 2nd year of Bachelor of Engineering courses at some universities in Australia, New Zealand and the UK. You also get an advantage when enrolling for the Aircraft Technician License course conducted by the Civil Aviation Authority of Singapore (CAAS) if you specialise in Aerospace Engineering.

**DIPLOMA IN COMPUTER ENGINEERING (DCPE) S53**

The world’s fastest supercomputer has the power of 175,000 laptop computers and can make an equivalent of 2,507 trillion calculations per second. That’s totally awesome. Used in all aspects of life, from large mainframe computers to personal computers, computer networks, data storage, television sets and household appliances to digital watches or mobile phones, the field of computer engineering is at the heart of the technology that is changing the way the world works. The Diploma in Computer Engineering (DCPE) helps you develop your competence in the use and application of computer and digital technology to maintain and propel Singapore as a global hub in the info-communications and computer engineering sectors.

**The Experience**
- You get a solid foundation in computer applications, systems, networking and programming.
- You will learn about computer systems, networks, security, applications and interface using different operating systems; learn to design and interface computer systems for different applications and projects; learn the basics of computer network design and build your own small Local Area Network.
- The flexible programme allows you to craft your own learning experiences. You can select modules and options to create a Generic Computer Engineering course covering a wide number of topics or select specific modules to specialise in.
- Get hands-on exposure to computer systems, networks, security and configurations for intercommunication to explore design and implementation issues.
- Take part in engaging competitions such as the World Skills Competition, National InfoComm Competition, National Junior Robotics and World Robot Olympiad.
- Get real and relevant first-hand work experience through local and overseas Industrial Attachment Programme with reputable companies and organisations.
- Optional track for those who are more practice-oriented to complete their academic programme in five semesters so you can take on project work during the last semester.
- You have a choice of Diploma-Plus programmes which will give you an extra edge in your career or a headstart in your further studies.

**The Future**
- Engineering Assistants ▶ Technologists ▶ Network and Security Technologists
- Technical Support Personnel

**Further Studies** You have the flexibility to further your studies in Computer Engineering, Computer Systems Technology, Network Engineering or Electronic/Electrical Engineering. Gain direct entry into the 2nd year at NUS / NTU or into 3rd year at Australian/UK universities, depending on the course.
DIPLOMA IN ENGINEERING WITH BUSINESS (DEB) S42

To do engineering or business? What about starting an engineering business? While it is necessary to do business with a good understanding of new technologies, you must also have good business skills. If you are interested in science, maths and technology but may not necessarily want to pursue a pure engineering course, this is it.

This unique business + engineering diploma course combines the best of both worlds to nurture a new breed of business savvy engineers who possess good working knowledge of engineering with a business perspective. See yourself as the future entrepreneurial engineers?

The Experience
- This course combines the teaching expertise from three schools - School of Electrical and Electronic Engineering (EEE), School of Mechanical and Aeronautical Engineering (MAE) and School of Business (SB).
- You get comprehensive learning experience through seminars, site visits, field trips, projects and competitions.
- You get real and relevant first-hand work experience through a one-semester internship with local or overseas companies or an overseas immersion programme.
- You have a choice of Diploma-Plus programmes which will give you an extra edge in your career or a headstart in your further studies.

The Future
- Entrepreneur ➤ Product Designer ➤ Sales and Marketing Executive ➤ Project Manager
- Procurement officer ➤ Business Planning and Development Executive ➤ Product Trainer

Further Studies ➞ You have the flexibility to further your studies in engineering, business or similar inter-disciplinary programmes in both local and overseas universities. You can also gain direct entry into various engineering and business undergraduate degree programmes offered by overseas universities.

DIPLOMA IN COMMON ENGINEERING PROGRAMME (DCEP) S40

One sure thing you know about yourself is that you want to be an engineer eventually. However, you are unsure what kind of engineer you want to be.

Fortunately for you, the Common Engineering Programme (DCEP) introduces you to the world of engineering, to start you off on the journey of discovery. By the end of first semester, you would be able to confidently make an informed choice from among eight specialised engineering courses that includes aerospace, aeronautical, bioengineering, clean energy, computer, electrical and electronics, mechanical, mechatronics and robotics.

The Experience
- This is a one-semester programme that will help you build a good basic knowledge of the various fields in engineering.
- This is the only programme that allows flexibility and opens doors to a wide range of engineering choices.
- You gain extensive knowledge through general electives to equip you with skills across various fields needed in the workplace like humanities, arts, business and science.
- You get real and relevant first-hand work experience through Industrial Attachment Programmes with reputable companies and organisations, exposing you to work on real-world design projects and clients.
You can choose from a choice of Diploma-Plus programmes which will give you an extra edge in your career or a headstart in your further studies.

The Future

Engineer or technologists or computer-aided engineer in various fields such as aerospace, oil and gas, ship building, chemical, computers, electrical and electronics, manufacturing, biomedical, pharmaceuticals and robotics.

Further Studies
You have the flexibility to further your studies in engineering or similar inter-disciplinary programmes in local or overseas universities which will grant you module exemptions.

DIPLOMA IN MECHANICAL ENGINEERING (DME) S91

What makes the wheels of a car spin? Can you design systems that will make cars safer to drive? Is it possible to apply a blue-tooth or new technologies to existing gadgets or machines? The future of technology is limited by your imagination... unless you drive it. This diploma course will fuel your dream to be the driving force behind new technologies. Mechanical engineering is the broadest of all engineering fields which cuts cuts across a wide spectrum of specialties. You will acquire skills ranging from design to development, construction, production, installation, operation and maintenance of turbines, power stations, engines, machine tools, air-conditioning, machines and refrigerators.

The Experience
You will get a solid foundation in mechanical engineering technology during the first two years of study, followed by an option to specialise in one of the following - Mechanical Technology; Aeronautical Technology; Precision Engineering; Product Realisation; Resort Facilities Management; System Engineering.
Beyond-the-classroom activities and projects.
Get real and relevant first-hand work experience through Industrial Attachment Programme with reputable companies and organisations.
You have a choice of Diploma-Plus programmes which will give you an extra edge in your career or a headstart in your further studies.

The Future
Engineer Technicians Computer-aided Engineer in a wide range of exciting industries including aerospace, oil and gas, ship building, chemical, computers, electronics, manufacturing, pharmaceuticals and robotics.

Further Studies You have the flexibility to further your studies in engineering, business or similar inter-disciplinary programmes in both local and overseas universities. You can also gain direct entry into various engineering and business degree programmes offered by overseas universities.

DIPLOMA IN MECHATRONICS & ROBOTICS (DMRO) S73

Who knows if Robocop can become real. And maybe you are the one to make it happen. The fascinating world of robotics and intelligent machines may seem more like the future. In reality, it's closer than you think.

Think mobile phones, computers, air-conditioners, lifts, refrigerators, TVs, cars, home cleaning robot or Aibo the robot dog. Although not commonly realised, mechatronics is a key technology in many consumer and industrial applications.

This diploma course will equip you with the technical know-hows that can be applied in design and development to support a wide field of industry. You will play a key role in the management and operation of automation, robotics, micro-electromechanical devices and the design of modern consumer equipment.

The Experience
Your learning covers a wide field of study that will equip you with skills and knowledge from mechanical engineering to electronics to computer technology. It will give you more choices for diversification into other engineering fields.
Beyond the classroom activities and projects.
You will get real and relevant first-hand work experience through Industrial Attachment Programme with reputable companies and organisations.
You have a choice of Diploma-Plus programmes which will give you an extra edge in your career or a headstart in your further studies.

The Future
Mechatronics and Robotics Technologist in a wide range of highly automated and high value-added industries, such as the biomedical and pharmaceutical manufacturing companies Supervisor in industrial and manufacturing engineering or in research and development work.

Further Studies You have the flexibility to further your studies in engineering, business or similar inter-disciplinary programmes in both local and overseas universities. You can also gain direct entry into various engineering and business degree programmes offered by overseas universities.
Maritime Studies

Ride on the Waves of Maritime Opportunities

There’s a sea of opportunities out there. Come onboard SP’s Singapore Maritime Academy (SMA), one of the best maritime training institutes in the world and the only one among the polytechnics. The Academy has set aside $500,000 for the next three years to offer SMA-MaritimeONE scholarships to outstanding students.

+ MARITIME BUSINESS
+ MARINE ENGINEERING
+ NAUTICAL STUDIES

MUHAMMAD RAMDAN BIN ADUAN
3RD YEAR - DIPLOMA IN MARITIME BUSINESS

For more information regarding entry requirements and course information, please contact:

SP SINGAPORE MARITIME ACADEMY
Tel: (65)-6772-1316
Fax: (65)-6772-1958
Email: sma@sp.edu.sg
www.sp.edu.sg/schools/sma
If you are looking for a challenging and rewarding career in the maritime industry without having to go to sea, take the Diploma in Maritime Business (DMB).

As the world’s busiest seaport and one of the world’s largest container ports, there is a continuous demand for maritime and logistics related organisations involved in a wide range of shipping business activities in Singapore.

The Experience
- The course is designed to be practical-oriented, linking theory and practice through hands-on training, case studies and field visits.
- Our extensive programme prepares you to be versatile. Upon graduation, you can start a career in the maritime industry.
- You will go through a six-month shore-based industrial attachment during the second year which provides first-hand experience of working in maritime-related organisations in Singapore.
- You are eligible to apply for the SMA-MaritimeONE scholarships.

The Future
- Executive in the shipping and logistics sector such as ship management ► Logistics ► Ship owning
- shipbroking ► Ship agency ► Freight forwarding
- Marine insurance firms and also the Maritime and Port Authority of Singapore.

Further Studies ➔ You can gain direct entry into relevant degree (honours) programmes such as Shipping Management, Maritime Business and Logistics conducted by reputable tertiary institutions from UK, Australia and USA. You can also pursue business programmes at local universities or a maritime-related degree programme by Maritime Institute Willem Barentsz of The Netherlands. If you graduate with a GPA of more than 3.0, you could gain direct entry into the third year of its maritime degree programme.
DIPLOMA IN MARINE ENGINEERING (DMR) S63

This diploma course encompasses various engineering disciplines required to make the ship an independent power plant - mechanical engineering, electrical and electronic engineering, engineering design and control technology.

Besides lectures and practical laboratory work, you will also be exposed to advanced ship engineering system simulators and various realistic training software. Our machinery workshops are equipped to train you for operational competences required of you in the workplace, be it onboard a ship or a land-based establishment.

You will have the special opportunity to choose between a sea-going or shore-based route during your second year.

**The Experience**

✔ This is essentially an integrated engineering programme, incorporating the study of various fields of engineering.
✔ Comprehensive learning experience through hands-on training, enrichment talks, ship visits and industry exposure.
✔ You can to take part in a nine-week industrial attachment with reputable maritime companies and organisations.
✔ You get the best of both worlds - the opportunity to opt for either a shore-based or sea-going pathway.
✔ You are eligible to apply for the Tripartite Maritime Scholarship or the SAIL Scholarship.
✔ You can aspire to be a Chief Engineer before 30 years old and earn up to $10,000 a month.

**The Future**

➤ Ship Engineer ➤ Marine Engineer ➤ Engineers in related industries such as shipping, petrochemical and oil-refinery or non-maritime industries such as the healthcare and hospitality sectors.

**Further Studies** ➤ Gain direct entry into related engineering degree programmes in NUS, NTU and overseas universities. You can also pursue a degree (honours) in Marine Technology offered by Newcastle University, through the Singapore Institute of Technology (SIT) or a degree in Maritime Operations offered by the Maritime Institute Willem Barentsz of The Netherlands, while at sea.
DIPLOMA IN NAUTICAL STUDIES (DNS)
(Offered under Direct Admission Exercise - DAE)

This is a diploma programme that offers attractive salary packages for fresh graduates. And plenty of opportunities to see the world! This diploma course will prepare you to be a seafaring officer, a position that is in high demand all over the world.

With 95% of the world’s trade achieved through shipping, the marine industry is facing a global manpower shortage of seafaring officers which is estimated to climb to some 27,000 by 2015.

The Experience
✓ This is a double award programme where upon completion, you will be awarded the Diploma in Nautical Studies and the internationally recognised professional Class 3 CoC (Certificate of Competency) qualifying you to sail as a certified sea-going officer worldwide.
✓ You will go through an extensive programme to prepare you to be versatile, equipped with competencies to sail in any size and type of ship worldwide.
✓ You will go on a 12-month sea training during the second phase which provides first-hand experience of working onboard a vessel. Sail to places as faraway as Europe, Middle East or China.
✓ Take part in the Maritime Experiential (MEL) Camp, a collaborative effort with Star Cruises since 2004 where you will learn practical navigation and traditional sailing skills on a floating campus.
✓ As a junior seafaring officer, you will earn a salary from $3,000, one of the most attractive for diploma holders.
✓ You are eligible to apply for the Tripartite Maritime Scholarship or the SAIL Scholarship.

The Future
We open the door to a variety of career options and opportunities from junior officer and navigating officer to executive officer on board a vessel and for off-shore services

Further Studies ➔ Gain direct entry into relevant degree courses overseas. Graduates who want to consider a sea career can pursue a Degree in Maritime Operations offered by the Maritime Institute Willem Barentsz of The Netherlands.
Leaving their legacies around the world

At SP, learning goes beyond the classrooms. And we don’t just mean outside the campus. We bring you to the rest of the world.
Get that degree. University after SP.
SP grads leave their marks in universities.

**SHAUN CHNG**
Now studying engineering at Cambridge, UK with DSTA scholarship.

**KURIAKIN ZENG**
First poly student admitted to Harvard with full scholarship.

**CHENG YI HAN**
Now studying medicine in University of Adelaide, Australia.

**DESMOND THIAM**
Will study medicine in NUS after national service.

**JASMINE YEONG-NATHAN**
World bowling champion now pursuing communications degree in NTU.
MARIE GOH
Now studying engineering in Imperial College, UK.

NATHANIEL XIE
Now studying engineering in Purdue University, USA.

CATHLEEN CHEONG
Now pursuing engineering in Massachusetts Institute of Technology, USA.

LEE WEI JIAN
Will pursue engineering degree at Singapore University of Technology & Design with scholarship after national service.
Get a LIFE

Get it better@SP. Live, breathe, learn and play in the greenest campus in Singapore.

More than 100 CCA Clubs
Six Food Courts.

Moberly Café. Colours @ Library. Hilltop Library
Butterfly Sanctuary. InnoVillage. Heritage Tree Trail
Student Hub @ Moberly – karaoke, online gaming,
dance and jamming studios, snooker & billiard
Olympics-sized pool. Gym. Beach Volleyball Court
Bowling @ SP Guild House

Rock Climbing Wall. Skate Park. Drifters’ Court