

*Leader in*

# PROFESSIONAL EDUCATION

COURSE QUICK GUIDE JULY 2021 - JUNE 2022



# COURSE TYPES

> Find out more by scanning the QR codes.

## Part-Time Diploma and Post-Diploma Courses



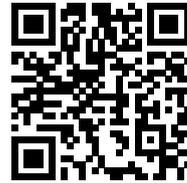
Get the best training from highly qualified lecturers through Part-Time Diploma and Post-Diploma courses at PACE.

## Short and Modular Courses



Short courses, blended learning courses and online programmes at PACE are designed for busy working individuals who seek career enhancement.

## Online Courses



At PACE, we offer easy accessibility to course materials for busy working professionals.

## Work-Study Programmes



Kick start your career by participating in the SkillsFuture Work Study Programme from PACE. Enhance your competency by training with industry relevant companies.

## Career Conversion Programmes



Join a Career Conversion Programme to make a career transition that you have been looking out for to accomplish new goals.

## Assessments



PACE is appointed as LTA Assessment Centre for Taxi Driver's Vocational Licence (TDVL), Private Hire Car Driver's Vocational Licence (PDVL), E-Scooter and Power-Assisted Bicycle Tests.

[www.sp.edu.sg/pace](http://www.sp.edu.sg/pace)

## SkillsFuture Series + SSG Approved Courses

- Singaporeans and Singapore Permanent Residents (PRs) are eligible for 70% course fee funding from 28 Oct 2017.
- Singaporeans aged 40 and above will enjoy a 90% subsidy of course fee.
- Applicable to both individuals and company-sponsored participants.
- Required to achieve at least 75% attendance.
- Sit and pass any prescribed examinations/assessments or submit any course/project work (if any) under the course requirements.

## SkillsFuture Credit (SFC)

- Singaporeans aged 25 and above will receive SkillsFuture credit of \$500 from Jan 2016. They will also receive a one-off SFC top-up of \$500 from Apr 2020 onwards. This top-up will expire on 31 Dec 2025.
- Singaporeans aged 40 to 60 (inclusive) as at 31 Dec 2020 will receive a one-off SFC of \$500 from Oct 2020 onwards.

## SkillsFuture Enterprise Credit (SFEC)

For more info, please visit  
[www.skillsfuture.gov.sg](http://www.skillsfuture.gov.sg)

## Enhanced Training Support Package

For more info, please visit  
[www.skillsfuture.gov.sg](http://www.skillsfuture.gov.sg)



## UTAP

Union Training Assistance Programme

Union Training Assistance Programme (UTAP)

- UTAP is a training benefit for NTUC members to defray their cost of training and encourage them to learn new skills.
- NTUC members enjoy 50% unfunded course fee support for up to \$250 each year when you sign up for courses that are supported under UTAP.
- For more info, please call NTUC Membership hotline at 6213 8008 or email [UTAP@e2i.com.sg](mailto:UTAP@e2i.com.sg) or refer to <http://skillsupgrade.ntuc.org.sg>



National Silver Academy (NSA)

- More Life skills than work skills oriented for purpose of work and upgrading.
- Seniors aged 50 and above will receive subsidy of up to 50% off course fee, capped at \$500 per course.
- For more info, please visit [www.sp.edu.sg/pace](http://www.sp.edu.sg/pace)

# KEY TRAINING AREAS AND COLLABORATIVE PARTNERS



## PricewaterhouseCoopers (PwC)

PwC Courses are listed as follows but not limited to:

- Analytics and Computational Modelling
- Business Needs Analysis – a Data Driven Approach
- Data Visualization with Qlik
- Data Engineering for Effective Data Analytics
- Strategies for Effective Data and Information Management

Since Aug 2020, PwC collaborated with SP to jointly develop and conduct a suite of courses related to Analytics, Digital Trust, Artificial Intelligence, Cloud Strategy and Governance (hereinafter referred to as the “Courses”) for professionals interested to upskill and reskill for their respective industries.

The courses in the collaboration are unique when compared to other short courses as their stackable nature allows individual participants to choose their preferred learning combination of courses leading to the coveted “Certified Data Analyst” co-awarded by Singapore Polytechnic and PwC.



## Bosch Rexroth Regional Training Centre (BRRTC)

- Practical Applications of Condition Monitoring for Industry 4.0
- Essentials of Basic Networking, Database and Web Application for Advanced Manufacturing
- Industry Specialist AHK i4.0 (Certification course)
- SkillsFuture Queen Bee

Back in 2018, SP spearheaded a Best-in-class in Advanced Manufacturing programme to Germany, also known as AMLead. The one-week intensive study and networking learning journey for senior leaders of local companies will have the first-hand opportunity to learn from the Best-in-Class on the possibilities of AM implementation and adoption to improve productivity and competitiveness. The success of AMLead demonstrated Bosch’s capability to transfer their technology and expertise as a SkillsFuture Queen Bee together with SP, which has led to the set-up of “BRRTC” in Singapore, a strategic partnership to support enterprise and workforce transformation for advanced manufacturing.



## Singapore Semiconductor Industry Association (SSIA)

- Wafer Fabrication in Semiconductor Industry
- IoT for Electronics Industry
- Data Analytics for Electronics Industry
- Introduction to Industrial Failure Mode and Effects Analysis (FMEA)

Since Mar 2020, SSIA entered a collaboration with SP to develop and promote training courses for the workforce in Semiconductor industry to upgrade their skills. As a trade association representing the entire Semiconductor Industry in Singapore, together with the subject matter experts from SP School of Electrical & Electronic Engineering (EEE), the collaboration enables SP/SSIA to curate and develop up-to-date and relevant courses to meet the training needs of the semiconductor industry.

# TESTIMONIALS BY PARTICIPANTS

## Au Sheng Lao

(Senior Service Executive)

Part-Time Diploma and Post-Diploma Courses  
Diploma in Engineering (Power Engineering)

I appreciate my lecturers who made our lessons exciting, fun and is someone who always encourage us to strive for more. The training and exposure i have gained gave me more confidence.

## B.P. Somaiah

(Chartered Engineer)

Short Course  
Water Efficiency Manager

This course was well taught by knowledgeable lecturers and it covers some of the industry best practice guidelines, which has helped me in my area of work.

## Seah Jia Min

(Process Technician)

Work Study Programme  
Work-Study Post-Diploma  
(Advanced Diploma in Chemical Engineering)

Able to relate whatever that is taught during classroom learning and put it into use when working in the plant. Not only just understanding the physical (the hands-on), the theory behind it also plays an important part to make the entire learning journey more relatable.

## Adeline Ang

(HR Manager)

Part-Time Diploma and Post-Diploma Courses  
Specialist Diploma in Enhanced Human Resource Skills

These modules have changed my life significantly, changed my mindset and attitude towards work and life. With the help of a predictive analysis tool for example, I am able to learn how to analyse critical data and use it to present in management reports. A huge thanks to the lecturers for sharing their knowledge as well.

## Peck Zhi Chang

(Laboratory Technician)

Work Study Programme  
Work-Study Certificates to Part-Time Diploma  
in Applied Science  
(Chemical Laboratory Technology)

Not only did the Work-Study programme give me the confidence to operate instruments as part of my job responsibilities, I also picked up essential skills to troubleshoot technical issues related to the instrument.

## Jeslyn Sam Hui Fang

(Assistant Tech Services Specialist)

Work Study Programme  
Work-Study Post-Diploma  
(Specialist Diploma in Cyber Security)

The programme allowed me to further broaden my Cyber Security knowledge and skills after my diploma and 2 years stint as an IT Consultant. It also helped me to land a permanent job role related to Cyber Security.

# TESTIMONIALS BY COMPANIES

## Simon Lee

(Learning & Development Coordinator)

Chevron Oronite Pte Ltd

On behalf of COPL, we would like to really thank SP PACE Academy for providing the consulting support to us and training for our staff over the past few years. PACE has always responded quickly to our requests and brought the right training content and people for our consideration. In addition, the SP trainers/lecturers are very professional, knowledgeable and can adapt quickly to our industry context. We treasure this partnership and hope to continue this collaboration.

## Tomabo Jiao

(Business Development Manager)

Sixty-Six Switchgears Co.Pte.Ltd

The customised courses gave our engineers practical training to simulate real time scenarios in a safe environment. With this, we can identify the areas which needs improvement, especially with new systems such as SCADA and PLC.

## Sharon Teo

(General Manager)

Eastport Maritime

SP PACE Academy is able to accurately identify training gaps which we need and provide practical tips for our staff, such as managing relationships with clients or colleagues.

## STATE OF THE ART FACILITIES

Aerohub Training Centre  
Advanced Materials Technology Centre  
Advanced Materials Engineering Centre  
Biologics Corridor  
CAD Room  
Clean Room  
Cyber Wargame Centre  
Clementi (LOW) and ICSC  
Collaborative Robots Work Station  
Engine Room  
Emergency Generator Facility  
Energy & Chemicals Training Centre  
Food Innovation and Resource Centre  
Library  
Maritime Facility  
Mechatronics and Robotics Lab  
Optometry Centre  
Object Recognition and Scanning  
PowerBi Software Lab  
SP - BOSCH Innovation Lab  
Virtual Reality Facility  
5G Garage with Robot Arms



Scan the QR code for more info

# With SP, it's So Possible

Professional & Adult Continuing Education (PACE) Academy

 [www.sp.edu.sg/pace](http://www.sp.edu.sg/pace)

 PACE Academy at SP

Customer Service Counter (One Stop Centre)

 [pace@sp.edu.sg](mailto:pace@sp.edu.sg)

 PACE@SP

Singapore Polytechnic  
Block T16 (Level 1)  
500 Dover Road Singapore 139651  
Phone: 6772 1288

 PACE Singapore Poly

 SP PACE Academy

Operating Hours:

Mondays to Fridays - 8:30am to 7:00pm  
Closed on Saturdays, Sundays and Public Holidays.