



UPSKILLING WITH RP

July - December 2021



About RP ACE

The Republic Polytechnic Academy for Continuing Education (RP ACE) was established in response to a national effort to promote lifelong learning.

Our objective is to provide learners with opportunities to acquire new and employable skills and capabilities, thus allowing them to stay relevant in the current knowledge-based global economy and challenging time.



It is important to reskill and upskill for today's work and businesses.

Therefore, I urge you to seriously consider RP's training. It is a choice you would not regret.



Professor Cham Tao Soon
President (Emeritus),
Nanyang Technological University

The rigour of our programmes ensures that our learners receive **timely, highly relevant, and holistic education** that aligns with their learning needs.

RP ACE offers a **diverse range** of courses that are **industry-recognised and approved** by the Singapore Ministry of Education and SkillsFuture Singapore.

These include:

- ▶ Part-Time Diplomas
- ▶ Short Courses and Workshops
- ▶ Specialist Diplomas
- ▶ Courses for Seniors (National Silver Academy)
- ▶ SkillsFuture Work-Study Programmes
- ▶ Customised Workplace Relevant Corporate Training
- ▶ Skills-Based Modular Courses
- ▶ Professional Certificates

Subsidies for Short Courses



90% Singapore Citizens aged 40 and above

90% Small and medium-sized enterprises-Employed Singapore Citizens and Permanent Residents

70% Singapore Citizens aged 40 and below or Permanent Residents

For more information about the subsidies, visit www.rp.edu.sg/ace/funding-schemes or scan the QR code!

SGUnited Skills (SGUS) Programme

Designed to help jobseekers impacted by COVID-19

SGUS offered by RP ACE is a full-time training programme ranging from six to 12 months. SGUS programme is designed in partnership with the industry to help trainees acquire industry-relevant skills to improve their employability.

During the programme, trainees will receive career advisory and employment assistance in their search for relevant jobs that will utilise their newly acquired skills.

Why sign up?

- ▶ Training allowance of up to \$1200 per month and highly subsidised courses
- ▶ Certifiable and industry-relevant courses to help you improve employability
- ▶ Conducted in a modular format to facilitate the transition to employment as and when job opportunities are present
- ▶ Trainees will benefit from employment facilitation
- ▶ RP ACE works closely with our industry partners to help you stay competitive and relevant
- ▶ Courses are based on sectors with high labour demands and potential growth



Scan to find out more!



FIND OUT MORE

www.rp.edu.sg/ACE



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[ACE.RP.sg](https://www.facebook.com/ACE.RP.sg)

[RepublicPoly.ACE](https://www.instagram.com/RepublicPoly.ACE)

Enhanced Training Support Package (ETSP)

The ETSP aims to help selected sectors tide over economic impact of COVID-19, and to enable these companies to position themselves for subsequent recovery. Employers can obtain 90% course fee subsidy when they send employees for sector-specific training.

In addition, the ETSP also provides absentee payroll funding at 80% of the employee's basic salary, capped at \$7.50 per hour. The ETSP is only eligible for Singapore Citizens and Permanent Residents.



Scan to find out more!

RP ACE is the appointed training provider for companies and individuals in these sectors:



Arts and Entertainment



Food Services



Point-to-Point Transport



Private Bus Hire



Retail



Sports and Recreation



Tourism

The ETSP will be time-limited to cover eligible courses starting before 1 Jan 2022. Enterprises (both SMEs and non-SMEs) are eligible for funding under the ETSP if they send their employees for training courses which commence within specific periods.



Professional Certificate in Social Media Engagement

Are you keen to create immersive marketing solutions to engage consumers as part of your business strategy? This 6-day workshop has been customised for aspiring digital marketers like you!

You will be equipped to understand the core social media platforms and how to maximise social media results. Through these series of workshops, you will be able to learn how to leverage the latest tools to measure online marketing efforts to enable participants to gain experience and exposure to social media marketing, content creation and performance management.

Course commences on 20 September 2021.



Scan to find out more!

goRPA – UiPath

Too many administrative and repetitive tasks to handle? Want to automate some of your work processes and eliminate human errors? Robotic Process Automation (RPA) can help you!

This programme aims to help employees to increase productivity through automation of digitised repetitive tasks by learning and applying RPA. This applied learning workshop has two phases:

- **Phase 1** – a 2-day classroom session on the introduction and hands-on scripting exercises on RPA using UiPath software
- **Phase 2** – a three half-day sessions for the RPA implementation facilitation. A project team with 1-4 participants will be formed to embark on the first use case project. Mentors will be assigned to facilitate each project group

Course commences on 29 July 2021.



Scan to find out more!

Artificial Intelligence (AI)

“ AI is the new electricity. ”

– Andrew Ng, Founder and CEO of Landing AI

Just as electricity revolutionised lives 100 years ago, Artificial Intelligence (AI) is completely changing our lives today and its impact will only continue to grow in the years ahead. Major companies such as Google, Netflix, and Alibaba utilise some form of AI to make our lives better through innovative features such as predictive searches, product recommendations, and facial recognition.



Scan to find out more!

What RP offers?

Whether you are just learning to code or you are a seasoned machine learning practitioner, RP offers a wide range of AI short courses for you. From Python programming, deep learning to optimising your neural network, you can explore this fascinating and fast-moving field by studying applications in Computer vision, Natural Language Processing, Anomaly Detection, and Predictive Analytics.

List of courses available:

- An Introduction to Code-Free Machine Learning
- Applied Artificial Intelligence with Python
- Artificial Intelligence for Everyone – A Practical Experience
- Basic Deep Learning in Computer Vision
- Deep Learning Optimisation Techniques
- Deep Learning with Python
- Fundamentals of Natural Language Processing
- Introduction to Speech Recognition Technology
- Video Analytics Techniques



SHORT COURSES HIGHLIGHTS JULY - DECEMBER 2021

W RP ACE @Woodlands,
Republic Polytechnic

P RP ACE @Paya Lebar,
Lifelong Learning Institute

O Online Learning

ADVANCED MANUFACTURING

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
The ABC's of 3D Printing (Get Started Even Without a 3D Printer)	O			1		1	

APPLIED & HEALTH SCIENCES

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
Analytics for Quality Control	W	7					
Basic Ionising Radiation Safety (General) - for L5/L6 licences	W	27-28, 4 Aug (Exam)		31 Aug-1 Sep, 8 (Exam)	26-27, 5 Nov (Exam)	23-24, 1 Dec (Exam)	
Basic Ionising Radiation Safety (Industrial Radiography) - for R1 licence	W					23-24	1 (Exam)
Basic Ionising Radiation Safety Security Screening - for L5 licence	W	6-7, 14 (Exam)	17-18, 25 (Exam)	14-15, 22 (Exam)	12-13, 20 (Exam)	9-10, 17 (Exam)	
Eco Ambassador Starter	O	5-6		2-3			2,3
Environment Infection Control and Management	W	3, 9, 24	6, 21	10, 25	8, 23	12, 27	11
Environmental Control Coordinator	W O	6-13 O , 14 W	3-10 O , 11 W	7-14 O , 15 W	5-12 O , 13 W	2-9 O , 10 W	7-14 O , 15 W
		20-27 O , 28 W	17-24 O , 25 W	20-28 O , 29 W	19-26 O , 27 W	16-23 O , 24 W	21-28 O , 29 W
goEco Ambassador	O	5-6		2-3			2,3
Introduction to Chemical Laboratory Skills	W			10			
Introduction to Pharmaceutical Technology	O			8		3	
Pharmaceutical Inventory Management	W			22		17	

APPLIED & HEALTH SCIENCES

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
Phlebotomy Principles and Practice (with RMG) Fundamentals of Phlebotomy	W				4-6		
Safe Handling, Disposal and Storage of Cleaning and Disinfection Chemical	W	23		17			
Rapid Hygiene Monitoring using ATP Bioluminescence	W		14			6	
Understanding Emerging and Re-emerging Infectious Diseases	W	8		11			

ARTIFICIAL INTELLIGENCE

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
An Introduction to Code-Free Machine Learning	W P O	14	18	15	13	17	15
Artificial Intelligence for Everyone - A Practical Experience	W P O	7	4	8	6	10	8

DATA ANALYTICS

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
Analytics for the Hospitality Industry	O		6	30			
Data Analytics with Power BI	W O	12-13	19-20	13-14	11-12	9-10	16-17
Fundamentals of Data Analytics	W O	21-22	11-12	16-17	4-5	1-2	6-7
Fundamentals of Data Visualisation	W O	27-28	30-31	23-24	7-8	22-23	16-17
Mining Data for Insights @ Work	W O	12-13	23-24	20-21	4-5	15-16	13-14
Understanding Behavioural Insights	O			8	6	3	8



DIGITAL MEDIA

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
Applied Digital Design	O	21	19	15		25	
Basic Video Creation and Editing	O			23	11-12*		21
Create Graphics Like A Pro for Social Media	O	22-23		22-23		2-3	
Digital Marketer Essentials	O			20	4-5*		16
Designing for Digital Platforms	O			20-21			8-9
Immersive Experiences: Introduction to AR, VR and 360 Media Creation	W			27			16
Leveraging on Immersive Media for Marketing Communication	O			25	15-16*		23
Mobile Video Creation	O	21-22	19-20	15-16		2-3	15-16
Storytelling for Businesses in the Digital Era	O			24	13-14		22
Storytelling through Infographics	O	26-27		13-14			16-17
Go-VR Basic: VR Learning Content Creation Using 360 Cameras	W			20-21			

*Lesson will be held from 6pm to 9:30pm (weekdays) or 9am to 12:30pm (Saturday)

ENTREPRENEURSHIP

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
Design Thinking for Successful Problem Solving	O		18		20		1
Introduction to User Experience Design	O	20-21		16-17		18-19	
Gamification: Engaging Customers for Businesses	O		19		21		9



GENERAL

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
Basic Barista and Coffee Appreciation Workshop#	W	10, 31	14	4	30		
Basic Enriched Bread Making Workshop#	W	3	28	4, 11	2	20	11
Designing Authentic Assessment for Online Lessons#	O					22	
Developing Learning Programme for Adult Learners: The What, Why and How	O		10-20 & 23			8-19 & 22	
Empowered Learners for Online and Offline Learning	O			1-8 & 9-10 (am)			
Everyday Botanica (毎日草本)	O	15 (中)	15	15 (中)	15	15 (中)	15
Essentials of Online Facilitation	O	19-23 & 26 (pm)	16-20 & 23 (am)	30 Aug - 3 & 6 (am)	18-22 & 25 (am)		29 Nov - 3 & 6 (am)
Fundamentals of Problem-based Learning	O	8-22	11-25	7-21	7-21	10-24	2-16
How to Design Impactful Lessons with Meaningful 'Chunks'#	O	12				1	
Introductory Programming using Python	W P O	14-15 & 24 & 31	19-20	11 & 18 & 23-24	7-8	11-12 & 20 & 27	16-17
Introduction to Instructional Design - The ADDIE Approach	O			6-10 & 13 (am)			
Knowing Your Nutritional Needs	O				15 (English)	19 (Mandarin)	
Managing Intergenerational Classes#	O	Course available throughout the year (Self-paced online learning)					
Nutrition for Healthy Living	O		1		1		1
Staying Relevant in the Digital Economy	O			1		11	
Using iSpring to Create SCORM Packages#	O		2				
Using Powtoon to Create Animations#	O		10				

#Non-SkillsFuture Series

HOSPITALITY SOLUTIONS

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
Customer Experience 4.0	O	27		14			
Know Your Customer - Customer Experience - Digital vs Human	O		10			5	
Know Your Customer – Mapping Customer Experience & Journey	W			17	8		
Project Management – Made fun and easy	W			16-17			16-17
Quality Visitor Experience through Immersive Technology	O	23		10			
Revenue Management for Non-Revenue Managers	O	16	20	14			
Understanding Your Visitors	O		31				8

NETWORKING & SECURITY

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
Cisco Network Administration^	O	21 Jul - 2 Oct					
CyberSecurity Essentials	W P O	28	25	29	27	24	

^Course duration is 3 months



SPORTS & HEALTH

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
Fundamental Gymnastics Coaching Course	External		7, 8, & 15		30, 31 Oct & 7 Nov		
Basic Exercise Science	W	8-16, 23-30	6-13, 20-27	3-10	8-15	12-19	3-10
Risk Management in Sports	W			28-29		9-10	
Be a Sports Safety Champion	W			21		2	
Basic Medical Terminology	O		4		6		1
Caregiver Basics	W O	13-14		14-15		9-10	



TECHNOLOGICAL SERVICES

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
5G Fundamentals and Applications	O	22	26	23	21	25	23
Adopting Digital Technologies into Operations	W			24			
Basic Aircraft Maintenance Training	W			28-29			
Building AR Experiences	O			16	12		
Creativity and Innovation Workshop	O			4		18	
Cold Chain Technology and Management	O	1	1	1	1	1	1
Digitalisation & PLC Automation and Network Control Design	W		30-31				
Experience how Robotic Process Automation (RPA) makes your work easier - UiPath	O	27	11	1, 29			
Introduction to Drones	W	1-2	5-6	2-3	7-8	11-12	2-3
Marketing Analytics: From Data to Decisions	O			16-17		2-3	
RP Unmanned Aircraft Basic Training	O	Course available throughout the year (Self-paced online learning)					

URBAN SOLUTIONS

Course	Venue	Dates					
		Jul	Aug	Sep	Oct	Nov	Dec
Agriculture 101	W	31 Jul & 7 Aug		21-22	23 & 30	27 Nov & 4 Dec	
Agriculture Technology	O	15		15		15	
Infectious Incident Site Management and Communications	W		7		9		
JPFA-RP Masterclass for Plant Factories with Artificial Lighting (PFALs)	W O			7-8			
Strategies to Improve Indoor Air Quality (IAQ) for Air-conditioned and Naturally Ventilated Places	O			22			
Sustainable Agriculture: Clean and Green Standard for Urban Farms	W		25-27				
Sustainable Mushroom Cultivation 101	W			11 & 18		6 & 13	



Getting Here

RP ACE @ WOODLANDS

Republic Polytechnic
9 Woodlands Avenue 9, Singapore 738964



NEAREST MRT STATIONS

Woodlands (North South Line)
Woodlands North (Thomson East Coast Line)



BUS SERVICES

169, 902*, 911

*902 operates from 7:30am to 10am on weekdays except for public holidays and school vacations.

RP ACE @ PAYA LEBAR

Lifelong Learning Institute
11 Eunos Road 8, Level 7
Singapore 408601



NEAREST MRT STATIONS

Paya Lebar (Circle and East West Lines)



Visit www.rp.edu.sg/ACE or scan the QR Code to find out more about our lifelong learning courses

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For latest update, please refer to our website.