

Course	Course Fee (SGD)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Fundamental Technology</b>													
TFP-11 Understanding Pneumatic Technology in Automation (WSQ Course)	600	09 - 12	20-23	13 - 16		08 - 11		03 - 6		18 - 21		06 -09	
TFP-21 TPM of Pneumatic Systems (WSQ Course)	700		06 - 09		03 - 06	29 - 01			14 - 17		23 - 26		04 - 07
TFP-33 Advanced Design of Pneumatic Systems	800		13 - 16				19 - 22				02 - 05		
TFH-31 Operate Hydraulic Systems (WSQ Course)	800	16 - 19		06 - 09	10 - 13		12 - 15		28 - 31		09 - 12	13 - 16	
TFH-21 Maintain and Repair Hydraulic Systems (WSQ Course)	830			20 - 23		15 - 18		10 - 13		04 - 07		27 - 30	
TFH-33 Design Hydraulic Equipment and Systems	830		27 - 02					24 - 27				06 - 09	
<b>Mechatronics</b>													
TCP-31 PLC Programming - Basic (WSQ Course)	650		13 - 16		24 - 27		19 - 22			25 - 28			11 - 14
TCP-32 PLC Programming - Intermediate	700			20 - 23		22 - 25			14 - 17			13 - 16	
TCP-33 PLC Programming with HMI and Ethernet Communication	700				10 - 13			31 - 03			30 - 02		
TCM-12 Fundamental of Electric Drives and Electromechanical Systems (WSQ Course)	750			06 - 09			05 - 08			04 - 07			04 - 07
TCR-32 Robotic Handling Systems with Gripping and Vacuum Technology	750		21-24		18-21		20-23		22-25		24-27		12-15
<b>Industry 4.0</b>													
GDI-11 Engineer Your Smart Factory Blueprint	2,000			8-10			26-28			25-27			18-20
GID-11 Fundamentals of Industry 4.0 & Its Core Elements	1,200		15-17			22-24			28-30			27-29	
TUC-11 Flexible Manufacturing Process with Cyber-Physical System & Manufacturing Execution System	1,200		27-28			29-30			21-22			20-21	
TUD-31 Digital Twin for Advanced Digital Manufacturing	2,000			20-22						25-27			
TCD-31 Smart Manufacturing with RFID System	800		20-21		24-25		19-20		14-15		23-24		11-12
TFS-31 Smart Sensor with IO-Link	600	5-6		13-14		15-16		10-11		11-12		6-7	
TCN-31 Industrial Ethernet with Profinet & OPC-UA for Industrial Automation	800		9-10		13-14		22-23		24-25		26-27		14-15
TUN-31 Node Red Programming	1,200		22-24		26-28		26-28		21-23		16-18		4-6
TIV-21 Cloud Based Data Visualisation with IIoT Implementation	800								24-25 28-29	14-15 21-22 28-29	12-13 19-20 26-27	9-10 16-17 23-24	7-8 14-15 22-23

Note:

- All rights reserved - information subject to change without prior notice
- Course fee is subject to 8% GST
- WSQ Courses
  - SkillsFuture funding up to 70% of course fee for Singaporeans and PRs subjected to fulfilling a minimum attendance of 75% and completed assessment
- Pre-requisites:
  - Completed PSLE and are able to speak, read and write in basic English
  - Participants with the following competency rating from the Employability Skills System (ESS) are eligible: Listening / Speaking – Min. level 4, Reading / Writing – Min. level 4, Numeracy – Min. level 4

Competence Centre for Digitalisation, Technology and Innovation

Course Calendar 2023 (version 3.0)



Course	Course Fee (SGD)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
POL-11 LEAN Management and Industry 4.0	800			9-10					30-31				
GDA-11 SIRI Awareness	500			31				13					8
<b>Certified Programme - Specialist Diploma in Advanced Digital Manufacturing</b>													
ADM101 Essential of Advanced Manufacturing System	3,000	16-20											
ADM102 Manufacturing Management	3,000		13-17										
ADM103 Advanced Manufacturing Project	3,000			13-17									
ADM201 Cyber Physical System	3,000				10-14								
ADM202 Industrial Internet of Things	3,000					15-19							
ADM203 Digital Manufacturing Project	3,000						12-16						
<b>Digital Transformation</b>													
TUO-11 Paradigm Shift Towards Digitalisation	400		10			12			23			10	
TUM-11 Digitalising Operation with Manufacturing Execution System (MES)	1,000		20-21		17-18		19-20		28-29		23-24		11-12
TAV-31 Vertical Integration with seamless connectivity	1,500			27- 01	24-26		26-28			4-6	30 - 01		18-20

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