Competence Centre for Digitalisation, Technology and Innovation

Course Calendar 2026 (version 1.0)

Course	Course Fee (SGD)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Fundamental Technology													
TFP-11 Understanding Pneumatic Technology in Automation **(WSQ Course)**	600	12 - 15		02 - 05		04 - 07		06 - 09		07 - 10		02 - 05	
TFP-21 TPM of Pneumatic Systems **(WSQ Course)**	700		03 - 06		06 - 09		02 - 05		03 - 06		05 - 08	30 - 03	
TFP-33 Advanced Design of Pneumatic Systems	800			10 - 12			15 - 17			15 - 17			
TFH-11 Operate Hydraulic Systems **(WSQ Course)**	800	26 - 29		30 - 02		11 - 14		13 - 16		21 - 24		16 - 19	
TFH-21 Maintain and Repair Hydraulic Systems **(WSQ Course)**	830		09 - 12		20 - 23		22 - 25		17 - 20		19 - 22		07 - 10
TFH-33 Design Hydraulic Equipment and Systems	830		24 - 26			18 - 20			24 - 26				
Mechatronics													
TCP-31 PLC Programming - Basic **(WSQ Course)**	650	19 - 22			21- 24			20 - 23			19 - 22		
TCP-32 PLC Programming - Intermediate	700		24 - 26			18 - 20			18 - 20			24 - 26	
TCP-33 PLC Programming with HMI and Ethernet Communication	700			30 - 31			16 - 18				13 - 15		
TCR-32A Basic Programming and Operation of Industrial Robots	750		19-20				29-30				8-9		
TCR-32B Practical Collaborative Robot with Vision System	1000	20-21				28-29				28-29			
TCM-12 Fundamental of Electric Drives and Electromechanical Systems **(WSQ Course)**	750		09 - 12			11 - 14			03 - 06			16 - 19	
Industry 4.0													
GID-11 Fundamentals of Industry 4.0 & Its Core Elements	1,200	5-7				6-8				21-23			
TPM-11 Digitalising Operation with Manufacturing Executive System (MES)	1,200	12-14				11-13				30-1			
TUC-11 Integrated Automation with Cyber Physical System	1,200				13-15				11-13				16-18
TCD-31 Smart Manufacturing with RFID System	600			12-13				13-14				5-6	
TFS-31 Smart Sensor with IO-Link	600		5-6		16-17		9-10		13-14		1-2		3-4
TCN-31 Industrial Ethernet with Profinet & OPC-UA for Industrial Automation	800		12-13		29-30		23-24		27-28		26-27		14-15
TUN-31 Data Visualisation with Node-RED Programming	1,200	28-30		25-27		20-22		27-29		14-16		11-13	
TII-31 Practical AI in Manufacturing	1,200	26-27	12-13	19-20	27-28	25-26	29-30	16-17	24-25	24-25	29-30	19-20	10-11

Note:

- All rights reserved - information subject to change without prior notice
- Course fee is subject to 9% 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 assessement
  - 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