Competence Centre for Mechatronics and Smart Manufacturing

Course Calendar 2026 (version 1.0)

Course	Course Fee (MYR)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Fundamental Technology													
PN11 INDUSTRIAL PNEUMATICS	2700	12 - 15			07 - 10		23 - 26		04 - 07		06 - 09	17 - 20	01 - 04
PN12 MAINTENANCE AND TROUBLESHOOTING OF PNEUMATICS SYSTEM	2700				20 - 23			27 - 30					
PN13 ADVANCED INDUSTRIAL PNEUMATICS	3000					05 - 08				08 - 11			
HN21 INDUSTRIAL HYDRAULICS	2800	26 - 29								22 - 25			
HN22 MAINTAINANCE AND TROUBLESHOOTING OF HYDRAULICS SYSTEMS	2800						02 - 05				20 - 23		
HN23 ADVANCED INDUSTRIAL HYDRAULICS	3000								17 - 20				
Mechatronics													
PLC312 PROGRAMMING OF PLC WITH PNEUMATICS (OMRON CP1E)	2700	20 - 22							11 - 13				
TCP31 PLC PROGRAMMING - BASIC (Siemens S71500 series)	3500					18 - 21							
TCP32 PLC PROGRAMMING - INTERMEDIATE (Siemens S71500 series)	3500							06 - 09					
ED811 FUNDAMENTALS OF ELECTRIC DRIVES AND ELECTROMECHANICAL SYSTEMS	2000		04 - 05						21 - 22		13 - 14		
Industry 4.0													
IND401 INTRODUCTION TO INDUSTRY 4.0 AND ITS CORE ELEMENTS	3600				15 - 17					28 - 30			
IND402 SMART MANUFACTURING WITH RFID SYSTEM	2400					12 - 13					27 - 28		
IND403 INDUSTRIAL ETHERNET WITH PROFINET & OPC-UA FOR AUTOMATION	2400						09 - 10						
IND 404 SMART SENSOR WITH IO-LINK	2400									02 - 03			
IND405 IOT APPLICATION WITH NODE-RED PROGRAMMING	3600							14 - 16				24 - 26	
IND407 PRACTICAL AI IN MANUFACTURING	2400								26 - 27				

Note:

- 100% of the course fee funding by HRDF with minimum attendance of 75%
- Course fee is inclusive of 8% SST
- Fees include course material, lunch, refreshment and assessment
- Assessment will be conducted on the last day after the completion of training programme
- Certificate of attendance will be awarded upon completion of the Training Programme