

SHRDC PROGRAMS

2023

Leading Transformation Through Training since 1992

Solar PV

Malaysian Smart Factory 4.0
(MSF 4.0)

Aerospace

Energy Efficiency and
Energy Management

Manufacturing | Engineering
Technology | Factory Essentials

Microsystems

Career Development
Program

Information & Communication
Technology (ICT)


Essential Skills

2023 PROGRAM LISTINGS




 Best-Selling

Malaysian Smart Factory 4.0 (MSF 4.0)

Essentials to Industry 4.0

- Smart Factory Technical Overview: Enabling Technologies for Industry 

Data Automation – Visualization and Analytics

- Data Generation 
- Machine Data Logging and Visualization for Smart Factory 
- Data Formulation Overall Equipment Effectiveness (OEE) 
- Data Analytics Essentials

PLC Based Smart Factory

- PLC Essentials for Smart Factory (Fundamental)
- PLC Essentials for Smart Factory (Intermediate)
- PLC Essentials for Smart Factory (Advance)
- IoT Gateway

Workflow Digitalization & Automation

- Robotics Process Automation (RPA) Essentials
- Digital Workflow Management Essentials for Smart Factory (ERP)

Digital Factory

- Digital Factory Essentials for Lean Industry 4.0


Cyber Physical Systems (CPS)

- Cyber Physical Systems (CPS) based Automation
- Cyber Physical Systems (CPS) based Communication Systems
- IO-LINK Technology

Scan here for copy of MSF
Program Brochure:



Manufacturing | Engineering Technology | Factory Essentials



- 5S
- Basic Electrical Motor Control
- Basic Electrical Skills
- Basic Hydraulic and Pneumatic System
- Basic Mechanical Skills
- Basic Pump System
- Basic to Advance 2D/3D Drawing
- CAD Interpretation
- Cold Room System Maintenance
- Effective Supervisory Skills
- Engineer Work Process 
- Failure Mode Effect Analysis (FMEA)
- Just-In Time (JIT)
- Lean Manufacturing 
- Lean Six Sigma (Green/Black)
- Mechanical Drive System
- MOST Work Measurement
- Poka Yoke
- Production Planning & Control
- Root Cause Analysis
- Soldering Techniques
- Statistical Process Control (SPC)
- Total Productive/Predictive Maintenance
- TS16949 IQA
- Visual Component
- Welding Technology
- Big Sister Program (for Senior Operators) to do OJT coaching
- Technical Report Writing



2023 PROGRAM LISTINGS

 Best-Selling

Solar PV


- SEDA Malaysia Grid-Connected Photovoltaic (PV) Systems Design Course 
- SEDA Malaysia Grid-Connected Photovoltaic (PV) Installation and Maintenance
- Solar PV Systems Essentials 
- Solar PV Systems Performance & Quality Test
- Introduction to Solar PV Systems Software (PVSyst)
- Solar Photovoltaic (PV) Safety

Energy Efficiency and Energy Management

NEW!

- Energy Management in Building
- Energy Audit in Building
- Energy Efficiency Management for Air-Conditioning and Mechanical Ventilation (ACMV)
- Principle and Application in Compliance to MS1525

Information & Communication Technology (ICT)

- Office Productivity Tools (Document, Spreadsheet, Presentation, Database)
- VBA Excel Automating Task
- Powerful Presentation (with MS Powerpoint)
- Power BI 
- SQL Database
- Digital Citizenship (Digital Literacy)

Aerospace

- Aviation Communication and Report Writing
- Technical English for Aerospace Personnel 
- Aviation Work Culture
- Aviation Workshop Standard Practices
- Aviation Technical and Regulatory Programs





2023 PROGRAM LISTINGS

 Best-Selling

Career Development Program

Competency Based Training Series for Manufacturing

- Operators Development
- Technician / Sr Tech Development
- Supervisory Development
- Engineer Development
- MSF 4.0 Competent Personnel
- Operator to Technician (Diploma Program) 
- Technician to Engineer (Degree or German Meister Program) 



Aerospace Apprenticeship

- MRO Mechanic / Technician / Specialist
- Aircraft Sheet Metal Repair
- Aircraft Ground Handling

Others



- Structured Engineer Development
- Structured Internship Program
- New Hire Onboarding Program

Essentials Skills | Softskills

- Edward De Bono Six Thinking Hats
- Leading Positive Results in the Workplace (Orange Frog)
- Change Leadership 
- Think on Your Feet (Communication / Presentation)
- Negotiation Skills 
- Interview Skills
- 8D Data Driven Problem Solving Method
- Speed of Decision in today's 4.0 World
- Learning Technologist
- Effective Facilitation Skills
- English (Communication / Written / Spoken)
- Technical Report Writing
- The Hero in Me (Positivity and Resiliency)
- Leadership Coaching
- Effective Teams



Microsystems

- IPC Certified Interconnect Designer (IPC CID) 
- IPC Advanced Certified Interconnect Designer, CID+ 

Looking for other program? We are available for program customization too!
Please contact us at **603 55133560** or email us at **info@shrdc.org.my**.

WHY SHRDC?

01

30 years of unrivalled expertise



02

Internationally Industry recognized certifications



03

Industry partners and workplace focused programs



04

Emerging trends aligning to government initiatives - Industry 4.0



05

Adoption of innovative technology and learning methodologies



06

Competency Based Training



CONTACT US



info@shrdc.org.my



+603-5513 3560



shrdc.org.my



/shrdc



+6016-9696079



shrdc_talent



/shrdc



/shrdcmy



@SHRDC



@shrdc.org.my

Selangor Human Resource Development Centre
No.1, Ground Floor, Block 2, Pusat Perniagaan Worldwide,
Jalan Tinju 13/5, Section 13, 40100 Shah Alam, Selangor