

# Course Details

SIMATIC S7

[siemens.com.my/SIRT](https://www.siemens.com.my/SIRT)

## SIMATIC S7 BASIC WINCC SCADA (ST-BWINCCS) 5 days

HRDF  
CLAIMABLE  
SBL Scheme

### Requirements

This course is for PLC users with engineering or maintenance experience who will be designing and configuring automation systems and their application programs using Siemens Windows Control Center (WinCC). Familiarity with PC windows OS is a must for this course. Recommended to attend SIEMENS SIMATIC Programming Level 1.

### Description / Objectives

This compact course deals with the configuring of SIMATIC WinCC. Using simple examples, you will acquire the knowledge necessary to use the system simply and quickly for your applications. You will learn the entire topic by means of numerous practical exercises within the environment of SIMATIC S7.

### Content

- SIMATIC WinCC System Overview
- WinCC Projects: Creating projects, Types of projects, Data structure
- Creating tags and groups, working effectively with the Configuration Studio, internal and external tags, system-info-channel, simulation of tag values
- Working effectively with the Graphics Designer
- Making objects in screens dynamic using tag interfacing, configuration dialog, dynamic wizard, dynamic dialog, direct connection, C-Scripts and VB-Scripts

- User Administrator
- Tag Logging and Alarm Logging
- Data archiving and report designer
- Report Designer for reporting (introduce)

### Target Group

Programmers, Project Managers

### Contact Information

**SIEMENS MALAYSIA SDN. BHD. (93008-X)**  
**HRDF Training Provider ID: 13213/82**

Digital Industries,  
SITRAIN Training Room,  
Level 15-1, CP Tower, No. 11, Jalan 16/11,  
Pusat Dagang Seksyen 16,  
46350 Petaling Jaya, Selangor.

**Helpdesk:** 1800 808 8888  
**E-mail:** [industry.my@siemens.com](mailto:industry.my@siemens.com)  
**e-Pass:** [https://siemens.asia/e-pass\\_v2/ASEAN/main/](https://siemens.asia/e-pass_v2/ASEAN/main/)  
**Website:** [siemens.com.my/SIRT](https://siemens.com.my/SIRT)

### Bank Details

**Bank Name:** Deutsche Bank (M) Bhd  
**Bank Account Number :** 0020768000  
**Bank Address :** 18th – 20th Floor, Menara IMC 8,  
Jalan Sultan Ismail,  
50250, Kuala Lumpur  
**Bank Swift Code :** DEUTMYKLXXX

## Daywise Schedule

| Day   | Time   | Topics  |
|-------|--|---|
| Day 1 | 09:00 Hrs – 10:00 Hrs<br>10:15 Hrs – 12:00 Hrs<br>13:00 Hrs – 15:00 Hrs<br>15:15 Hrs – 17:00 Hrs | Wincc System Overview<br>Projects & Tags<br>Projects & Tags (Cont.)<br>TIA functions in WinCC |
| Day 2 | 09:00 Hrs – 10:00 Hrs<br>10:15 Hrs – 12:00 Hrs<br>13:00 Hrs – 15:00 Hrs<br>15:15 Hrs – 17:00 Hrs | Graphics Designers<br>Graphics Designers (Cont.)<br>Scripts<br>Practical on the above         |
| Day 3 | 09:00 Hrs – 10:00 Hrs<br>10:15 Hrs – 12:00 Hrs<br>13:00 Hrs – 15:00 Hrs<br>15:15 Hrs – 17:00 Hrs | Global Scripts<br>User Administrator<br>Picture Blocks<br>Practical on the above              |
| Day 4 | 09:00 Hrs – 10:00 Hrs<br>10:15 Hrs – 12:00 Hrs<br>13:00 Hrs – 15:00 Hrs<br>15:15 Hrs – 17:00 Hrs | Tag logging<br>Alarm Logging<br>Report Designer<br>Practical on the above                     |
| Day 5 | 09:00 Hrs – 11:00 Hrs<br>11:00 Hrs – 12:00 Hrs<br>12:00 Hrs – 12:30 Hrs                          | User Archive<br>Practical on the above<br>Feedback & Valedictory session                      |

### **Break Timings:**

|                       |                     |
|-----------------------|---------------------|
| 10:00 Hrs – 10:15 Hrs | Morning Tea Break   |
| 12:00 Hrs – 13:00 Hrs | Lunch Break         |
| 15:00 Hrs – 15:15 Hrs | Afternoon Tea Break |
| 17:00 Hrs – 17:15 Hrs | Recess & End of Day |