

# Upskill your Technical Staff



## Practical PLC Troubleshooting and Maintenance - AB SLC500

### Program Rationale

This course offered by SAGE Didactic is a practical introduction to troubleshooting and maintenance and is applicable to:

- engineers
- technicians
- industrial professionals and;
- others keen to advance their technical skills.

While the aim of this course is to establish a base skill level within the industrial automation industry, it also provides an ideal platform for future development.

No.SDTAM102



EQUIPMENT



THEORY



MENTOR



PRACTICAL  
EXERCISES



# COURSE GUIDELINES

## Introduction

*This is an intensive introduction to troubleshooting and maintenance and covers the following topics:*

**Identification & understanding of the hardware**

**Basics of PLC software including communications**

**Project Selection & backup**

**Understanding the structure of the PLC Code**

**Using, interpreting and editing ladder logic**

**Systems maintenance procedures**

**Diagnostic Tools and troubleshooting procedures**

**Testing, configuring and commissioning hardware**

## TYPICAL DELIVERY APPROACH

- E-Learning module
- Diagnostic practical exercise
- Troubleshooting practical exercise
- Quiz - to check the level of understanding



**Advancing**  
technical skills of today's  
and tomorrow's workforce.

Maximum class size is 10 students  
(2 per TTIM™ system)

## Investment

Your investment in this course  
is TBA

## Course details:

### Location

TBA

### Times

Monday – Wednesday,  
8.30am to 5.00pm

### Schedule

Please check our website

**[www.gotoSAGE.com](http://www.gotoSAGE.com)**

➡ Select "SAGE Didactic"

➡ Select "Training Courses"

For more information call  
the Training Co-ordinator

1300 00 SAGE

Tel +61 8 8276 0700

Fax +61 8 8276 0799

34 Bennet Avenue, Melrose Park  
South Australia 5039