

SIEMENS TIA PORTAL with HMI

APRIL 6-10, 2026

Register Today



Course Description

Gain practical, hands-on experience with the Siemens SIMATIC S7-300 controller and its core system components. This course covers foundational ladder logic programming, PG/PC interface configuration, and the use of programming software to monitor process data and PLC performance. Participants will also learn essential troubleshooting, maintenance best practices, and how to modify an existing HMI system.

Training emphasizes real-world application through guided laboratory exercises using Siemens SIMATIC S7-300 controllers, Siemens HMI systems, and TIA Portal software. This workshop is **\$1,249 per person. Max Number of Attendees: 12.**

Course Objectives

By the end of this course, participants will be able to:

- Identify the SIMATIC S7-300 system and its key components
- Configure the S7-300 controller and associated hardware
- Set up and configure the PG/PC interface
- Monitor input and output devices using programming software
- Interpret diagnostic information for effective troubleshooting
- Apply general maintenance and troubleshooting practices for PLC systems
- Make basic modifications to an HMI system



7:00 a.m. - 4:00 p.m.



1100 9th Avenue SW, Bessemer, AL 35022, Ethel H. Hall

MORE INFORMATION:
www.atn.org/workshops