

Workshops

Workshop for Educators - Automation Overview

General Information

Course Code: SCT-WSSCEO1A
Length: 1 Day

Audience

These workshops are exclusively for educators interested in developing teaching skills on Siemens automation technologies. Teaching staff from public, not for profit schools including Technical High Schools, Community Colleges, Technical Schools, Universities and Trade Schools are welcome to apply and register.

Prerequisites

- Basic industrial technology skills

Profile

2.0 CEUs (Continuing Education Credits)

Siemens Workshops for Educators are a series of educational events designed to help school teaching staff to build skills in leading edge industrial technologies.

Each workshop hosted by Siemens is targeted at a specific automation technology and teaching experience level. Most workshops are open to all audiences and are structured to take students new to Siemens through the core elements of building and troubleshooting a Siemens PLC project. Workshops titled Advanced are designed for students who have attended previous workshops, training or have applied skills. Advanced workshops address software upgrades, advanced programming, diagnostics and application issues.

All workshops include instruction with considerable hands-on practice.

Topics

1. Introduction to STEP7 Basic V11 (TIA Portal)
2. Software Navigation with TIA Portal
3. CPU and simulator overview
4. Software and firmware upgrading
5. Program structures and development
6. Introductory HMI techniques
7. Siemens Cooperates with Education Program and Educator incentives