

## Workshops

# Workshop for Educators S7-1200

### General Information

Course Code: SCT-WSSCEW1A

Length: 3 Days

### 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
- Previous training or applied experience when noted

### Profile

2.1 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.

### Objectives

*Upon completion of this course, the student shall be able to:*

### Topics

1. Introduction to STEP7 Basic Portal
2. Project set up and structures
3. Hardware configuration and options
4. Program organization and development
5. Troubleshooting and editor tools
6. Communication basics
7. Display panel (HMI) project basics