C372
Web Imaging Maintenance

Course type and methods
This is an instructor-led workshop with short presentations and demonstrations, extended exercises and hands-on sessions.

Student profile
This course is targeted to personnel who are responsible for maintenance of an ABB Web Imaging System (WIS).

Duration
The duration is 5 days

Course objectives
In this course, participants will learn about the operation and maintenance of a Web Imaging System.

Upon completion of this course the participants will be able to:

- Explain the WIS architecture and the function of the different components
- Operate the various WIS applications
- Identify operational and maintenance alarms
- Understand power flow schematics and test points
- Troubleshoot IO using LED and signal diagram voltage checkpoints
- Load system software
- Load camera software
- Understand the preventative maintenance recommendations
- Troubleshoot to module level
- Understand and configure data flow and storage abilities
- Perform maintenance on the system
- Perform (basic) tuning of the system
- Provide introduction to advanced features such as real-time dirt, wrinkle and formation analysis
- Backup and restore parameters and user configurations
### Day 1
- Course information
- Web Imaging System overview
- Documentation overview
- Web Imaging System hardware
- Web Imaging System architecture

**Lab:**
- Operator interface introduction
- System hardware introduction

### Day 2
- Web Imaging System computer hardware
- Web Imaging System software
- Electrical and network configuration

**Lab:**
- Software installation
- Global config
- CcmConfig
- Reefile logger
- Other settings

### Day 3
- Web Imaging System operation
- Web Imaging System hardware setup
- Web Imaging System tuning

**Lab:**
- Defect map
- Alarms
- Trends and profiles
- Camera alignment and focusing

### Day 4
- Preventative maintenance
- Troubleshooting
- Maintenance instructions

**Lab:**
- LED module replacement

### Day 5
- Troubleshooting

**Lab:**
- Software installation
- Camera alignment and focusing
- Setup and system tuning