



## NDSL Installer Training Agenda

### Installer Certification Training – 1.5 Days

Cellwatch installer trainings are a three-part class that encompasses 1.5 days of training. The training includes a review of the hardware components, a hands-on portion with a demo Cellwatch system, an overview of all software features, and a final section covering data interpretation and reporting.

After the class:

- Participants will have the knowledge to install and troubleshoot a basic Cellwatch system and demonstrate its key features to the end-user.
- Installers will be given access to the Cellwatch demo software and Application Notes webpage.
- Upon successful completion of the installer certification exam, installers will receive a Cellwatch Certified Installer ID badge that is valid for three years.

### Requirements

Read the installer training primer before attending the training. If you did not receive a copy via email, please download it from the [cellwatch.com/training](http://cellwatch.com/training) web page.

***Laptops ARE required for this training.***

Attendance and participation in all sections of the class are required for completion. This includes participation in the hands-on portion of the training.

Passing the test is based on the results of the exam as well as attendance and participation in all portions of the class. NDSL reserves the right to not issue an installer badge for any reason.

### ***Day 1 – Basic Hardware Training – 8:30 a.m. to 12:00 p.m.***

This training class will cover the basics of the Cellwatch system, including but not limited to:

- Basic Cellwatch methodology
- System components overview
- Component operations and specifications
- Component connection requirements
- Installation requirements

Time permitting, participants will begin the hands-on portion of class which includes installing and configuring a demo Cellwatch system.

## **Lunch Break**

Class will resume at 1:00 p.m. or after 60 minutes of break, whichever is first.

## **Day 1 – Start-Up Training – 1:00 p.m. to 5:00 p.m.**

This portion of the training class covers the start-up process to get a Cellwatch system working properly and familiarizing installers with the Cellwatch software package.

Hands-on wiring and system build. This section focuses on:

Connecting to an iBMU

- Building a demo system using all key hardware components
- Interacting with and configuring the software
- Troubleshooting errors within the Cellwatch system
- Setting Cellwatch alarms
- Data Manager, Email Alert Client, Cellwatch.net, and Warranty Report Tool

## **Day 2 – Data Interpretation Training – 8:30 a.m. to 11:30 a.m.**

This portion of the training class covers understanding the data collected by the Cellwatch system and how to use it. Installers should be able to access and navigate all software screens and explain the basics to an end-user.

- Understanding the basics of how Cellwatch identifies poor or failing jars using the data
- Practice analyzing data from real world sites
- Methodology for where to begin troubleshooting given specific events
- Creating a report using Cellwatch data

## **Installer Certification Exam**

Time permitting, the instructor will review any concepts and answer questions before administering the exam. Participants are allowed to use any notes taken during the training for the exam. If a participant does not pass the exam on the first try, a second attempt will be provided. The exam will be emailed to the participant and must be returned completed to NDSL within 7 days.