



# ArcGIS Field Data Collection with Collector and Survey123

Course ID #: 1700-300-ZZ-W

Hours: 8

## Course Content

### Course Description:

There can be quite a bit of data preparation involved to get data ready for online and mobile use. In this course, students will learn how to use ArcGIS Online and ArcMap to prepare data for use in Collector for ArcGIS, followed by learning how to collect data using the app and upload it back into ArcGIS Online. They will also learn how to create and use highly customizable forms in Survey123 for ArcGIS. At the end of the course, students will be able to move data from ArcGIS Online to Collector, modify and add features in the field, then sync the data back into ArcGIS Online, as well as create and use forms in Survey 123.

### At Course Completion:

After completing this course, student will be able to:

- GPS Basics – Understand how GPS devices know your location, as well as the importance of knowing which coordinate system your data is using.
- Collector for ArcGIS – Learn how to use the Collector app to collect and modify data in the field.
- From Desktop to Online – See how to prepare data in ArcMap and publish it to ArcGIS Online in preparation for use in Collector.
- Survey123 for ArcGIS – Create both simple and detailed custom forms using the desktop Survey123 app and website, then complete the forms using the Survey123 mobile app and website.

### Target Student:

This course is for those who are already comfortable with ArcGIS Online and ArcMap and want to learn more about GPS, optimizing data for use in Collector for ArcGIS, and creating custom forms in Survey123 for ArcGIS.

### Prerequisites:

Students should have knowledge of Microsoft Windows® and be familiar with the basic use of ArcGIS Online and ArcMap. Students need to bring their own mobile device to class and already be familiar with its operating system and basic operation.



# ArcGIS Field Data Collection with Collector and Survey123

Course ID #: 1700-300-ZZ-W

Hours: 8

## Topics:

### GPS Basics

- The Global Positioning System;
- Understanding Location

### Collector for ArcGIS

- What is Collector?;
- Working with Collector;
- Map Tools;
- Collecting Data;
- Working Offline

### From Desktop to Online

- Data Requirements;
- Domains;
- Publishing Feature Services

### Survey123 for ArcGIS

- Creating Simple Forms Online;
- Creating Detailed Custom Forms;
- Completing Forms