

Apprentice GIS/GPS Training – employees and partners

GIS

- Esri training (<https://www.esri.com/training/>)
 - Free Global Login to register for online trainings
 - Attend and complete – Getting Started with GIS web course (3 1/2 hrs)
 - Attend and complete – Getting Started with Spatial Analysis (1.5 hrs). Must have access to ArcMap, ArcPro or ArcGIS Online to complete.
 - A copy of course completion certificates is needed
- Watch Introducing Coordinate Systems and Map Projects presentation video (1 hr):
 - <https://www.esri.com/videos/watch?videoid=PICwxT0fTHQ&title=introducing-coordinate-systems-and-map-projections>
 - Self-certify completion (no completion certificate tied to this)

GPS

- Alaska GPS Training (In person training for about 3 hours)
 - Powerpoint presentation of GPS basics (satellites, data quality, best practices, data collecting, methods/unit grades (survey/recreational)) (~ 30 - 45 min)
 - Added topics/demonstrations:
 - Overview of different GPS units in use by NRCS (1 hr)
 - Avenza maps
 - Trimble units with Terra Sync/Pathfinder
 - Collector/Quick Capture overview
 - Hands-on use of GPS (~ 1 hr)
- Read the following sections out of The Nature of Geographic Information online course module from Penn State's College of Earth and Mineral Science.
<https://www.e-education.psu.edu/natureofgeoinfo/>
 - Read all of Chapter 5: Land Surveying and GPS sections (1 – 1.5 hrs)
 - Self-certify completion (no completion certificate tied to this)