Introduction to GIS

Course Description:

This course is designed to introduce students to the fundamentals of using ArcPro. Short presentations on geospatial background topics are followed by targeted hands-on exercises which introduce students to the ArcPro interface, spatial data types, spatial data formats, map templates, map symbology, and map layouts. The training also introduces the student to the manipulation of data layers, map symbology, rudimentary spatial analysis, data creation, and editing.

Students will use ArcPro and existing spatial data to create maps that meet the GIS Standard Operating Procedures on Incidents (GSTOP). The course concludes with the creation of a final mapping project using data used and/or created during the class that meets GSTOP standards.

All Students must have a computer running a stand-alone version of ArcPro 3.2 or higher.   Running ArcPro in a Citrix environment is not allowed for the training.

This is not the S-341 GIS Specialist for Incident Management Training Course. Announcements for the S-341 classes can be found at: **https://wildlandfirelearningportal.net/**

Course Objectives:

Students will be able to:
-Identify standard ICS map symbology
-List the components of STANDALSGD
-List other cartographic components needed to produce a high-quality product.
-Produce maps that meet the GSTOP standards.
-Critique a map on readability and appropriate symbology.
-Describe the capabilities and functionality of ArcPro.
-Display, manipulate, create, and organize data layers using ArcPro
-Use ArcPro to answer specific spatial questions.

Target Group: New and intermediate users to ArcGIS software.

Course Coordinator	Phone / E-mail Address	Nomination Form
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