GIS Introduction - **CSP7100**

**Description**
The GIS Introduction is a 3.5-day course designed to instruct the fundamentals of using ArcMap, ArcCatalog, and Layout (ArcGIS Desktop 10.4.1 Advanced). Short presentations on geospatial background topics are followed by targeted hands-on exercises which include the manipulation of data layers, symbology, rudimentary spatial analysis, data creation, and editing. Data derives from the Moosehorn National Wildlife Refuge and exercises are developed around real world problems commonly encountered within the Refuges throughout the country.

The course concludes with the creation of a final mapping project using data from Moosehorn NWR.

**Objectives**
Upon completion of this course, you will be able to:

- Define GIS and ArcGIS for Desktop (Advanced) 10.4.1 software
- Describe the capabilities and functionality of ArcMap, ArcCatalog, and ArcToolbox
- Display, manipulate, create, and organize data layers using ArcGIS for Desktop
- Use ArcGIS to answer specific spatial questions

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**Date**
October 17-20, 2017

**Location**
NCTC, Shepherdstown, WV.

**Prerequisites**
None

**Who Should Attend**
Students new to Geospatial technology and those who need a “just in time” refresher with ArcGIS

- Biologist
- Ecologist
- Planners
- Refuge Managers

**Course Length**
3.5 days

**Tuition**
Free for FWS, BLM, and NPS employees. All others $956.00

**To Register**
Search the DOI Learn catalog for CSP7100

**Course Contact**
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“The short exercises that promoted learning by doing were most useful. The daily reviews also helped reinforce the lessons of the previous day. Especially useful to me were the sessions on management of tables, including joins and queries.”

“As this was an introduction, it was perfect. ...We can move forward on the projects that have been waiting in the wings”