

# *GIS as an Analytical Tool for Crime Analysis-ArcView 9*

**Curiosity Quest**

This course is designed to focus on the informative power of ArcView 9. Students will learn a variety of ways to solve law enforcement GIS problems.

## **15 Topics**

## **4 Sections**

Query Procedure  
Relating & Joining  
Geoprocessing Functions  
Spatial Query & Analysis

Finding & Sorting  
Query Expressions  
Selection Tools  
Joins & Relates  
Spatial Joins  
Dissolve, Merge & Clip  
Intersect & Union  
Exporting  
Finding Features using a Graphic  
Finding Features using a Radius  
Finding Features within a Distance  
Buffering  
Manipulating Selected Features  
Statistics  
Creating a new Map Layer

## **in 8 hours..**

The student should have some experience with ArcView. He or she should be able to open map document, create a map document and add data to the data frame.

### **Curiosity Quest**

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*Quality Custom Professional Training*

# Course Outline

Curiosity Quest

## 20 Exercises

Hour One      Hour Two      Hour Three      Hour Four

Find  
Table Sort  
Query Expressions  
Selection Tools

Joining Tables  
Relating Tables

Spatial Joins  
Geoprocessing  
Dissolve

Merge Themes  
Clip Themes

Hour Five      Hour Six      Hour Seven      Hour Eight

Intersect Themes  
Union Themes  
Graphic Search...

Graphic Search  
Radius Search

Buffering  
Select by Location

Reversing Selections  
Using Statistics  
Creating new Layers  
with your Search Results.

The actual length of our classes vary with the experience of our students and the number of questions we receive. We can and do deviate from this schedule adding additional techniques to the instruction where they apply to the situation and experiences of the participants.

