



OREGON-IDAHO HIDTA PROGRAM

ACCESS FOR PUBLIC SAFETY

Class # 2 of 5 of an analyst certification tract provided by Police Technical

LOCATION - Oregon Public Safety Academy, C114
4190 Aumsville Hwy, Salem Oregon

DATE & TIME - Tuesday January 18th - Wednesday, January 19th, 2022
8:00 AM – 5:00 PM

Cost: Free

Attendance Limited to 30 Students

SYNOPSIS

Law enforcement agencies are increasingly working with data sets. Generated from cell phones investigations and other computer-based sources, these data sets are typically stored as evidence but only rarely “mined” for their full potential. Most analysts are familiar with the features of Excel to manage data, but when the sets are large enough, and the questions big enough, a more robust program is required. Utilizing Microsoft Access to analyzing these data sets and helping them “make sense” to others is the purpose of this course.

The course builds a foundation in Access around several basic building blocks: Introduction to the Access, its comparison to Microsoft Excel, Data Basics, connecting to Data sets, ODBC (Open Database Connectivity), Tables and Queries, SQL and RDBMS (relational database management systems), Reporting, and the Effective Presentation of Findings. By the end of the course, students will be confident in their ability to access, manage and query data sets for the purposes of criminal investigations and overall agency benefits.

This class is designed for law enforcement personnel and Analysts at any stage in their career. Prior experience or training in Excel or Access is helpful, but not necessary. Students will receive samples of data for use in the classroom during hands-on sessions. A laptop with Microsoft Access, Excel, Word, and PowerPoint (version 2003 or higher) is required.

COURSE OBJECTIVES

Day One

1. Introduction: Wizards, Views
2. Data Basics: Importing, Pros and Cons, Access vs. Excel, Storage Capacity, Formatting, Permissions
3. Import vs. Linking
4. ODBC Basics: Connecting to Data, Permissions, User ID's & Passwords
5. Creating Tables: Primary Keys, Table View vs. Design View vs. Wizard, Field Types

Day Two

1. Queries: Delete/Select Queries, Update
2. Joining Tables: Inner & Outer Joins
3. Update Queries and existing data
4. Using lookup tables, Lookup States using places code table
5. SQL Basics including Concatenation, Proper Formatting, Parsing, If Statements
6. Reports
7. Presenting Findings
8. Tips and Tricks for Better Presentations

INSTRUCTORS

Jason Druckenmiller is a police officer for a mid-size agency in Northwest Ohio.

In his 15 years, he has served as a road patrolman, field training officer, and is currently serving as a road patrol sergeant. Jason also served as a member of the division Honor Guard and is the first certified Remote Pilot for the sUAS Unit.

Aside from his road duties, Mr. Druckenmiller serves as the technology expert for the agency overseeing dash cams, body cams, and digital evidence handling. He currently resides in Northwest Ohio with his family.

REGISTRATION

The course is limited to 30 students. Registration for this course is **Free**.

To register for the training please go to <http://oridhidta.org/training>, click on the download training request form button, fill the form out and hit submit button. If the submit button doesn't work please scan and email the form to me at ned.walls@dpsst.oregon.gov.

Questions; Contact Oregon-Idaho HIDTA Deputy Director Ned Walls:
ned.walls@dpsst.oregon.gov 503-947-8558