Introduction to Epi Info™ 7 – EIS Summer Course

**Methodology**: Instructor-led and hands-on training session

# Morning Session

| **Time** | **Topic** | **Objectives** |
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| 8:00 AM – 8:20 AM | **Welcome**  Introductions and User Setup | * Course overview * Review of training materials * Downloading & installation * Getting the software (ZIP vs. EXE) * Upgrading: what needs to be done when upgrading? Are the projects created on a previous version going to be deleted? * Requirements (.NET framework) |
| 8:20 AM – 10:25 AM | **Lesson 1** **– Form Designer**  This lesson is an introduction to the Form Designer. Attendees will create an Epi Info 7 project and create an electronic version of a survey used to collect data. | * Review Form Designer navigation. * Understand Epi Info™ 7 project creation. * Know about database structure (forms & pages) * Describe available field types. * Create fields of various types including text, date, numeric, checkbox, yes/no,  legal value, and comment legal fields. * Learn how to set the tab order and name a page inside your project. * Learn how to resize, align, and edit fields in the form. * Format your workspace. * Create and share templates. |
| 10:25 AM –10:40 AM | **Break** | |
| 10:40 AM –11:30 PM | **Lesson 2** **– Adding Date Entry Rules to Forms**  This lesson is an introduction to creating Check Code inside the Form Designer module. Attendees will learn how to customize surveys by creating a series of data entry rules. You will also learn the components of the Check Code Program Editor. | * Create skip patterns * Disable/enable fields based on a criteria * Populating a field using the ASSIGN command * Other commands: * CLEAR * GOTO * DIALOG |
| 11:30 AM – 12:00 PM | **Lesson 3 - Publishing Epi Info 7 Forms into Android devices and to the Web**  This lesson is an introduction to Epi Info 7’s Companion for Android application as well as Epi Info 7’s Web Survey functionality. | * Initial set up and application configuration * Designing forms for mobile devices and web surveys * Transferring forms to mobile device * Collect data remotely * Data transfer * Publishing forms to the web |
| 12:00 PM – 1:30 PM | **Lunch (on your own)** | |

# Afternoon Session

| **Time** | **Topic** | **Objectives** |
| --- | --- | --- |
| 1:30 PM – 2:30 PM | **Lesson 4** **– Using Epi Info 7 forms for Data Collection**  In this lesson, attendees will learn how to enter data, navigate the survey created, and discover some of the features available in the Enter Data module. | * Learn how navigate through records * Search for records * Create line listings * Using the Data Packager to send, receive and merge data from multiple users entering data. * Learn how to download responses collected from multiple devices. |
| 2:30 PM – 3:00 PM | **Lesson 7- StatCalc**  This session is an overview of the epidemiologic calculators available in Epi Info™ 7 to produce results from summary data. | * Binomial tables * Matched-pair case-control * Sample size and power |
| 3:00 PM – 3:30 PM | **Lesson 5- Data Analysis using the Visual Dashboard**  This session is an overview to creating statistics and using multiple gadgets available in the Visual Dashboard. | * Become familiar with Visual Dashboard * Load different data formats for analysis. * Use FREQUENCY, MEANS, 2x2 TABLES, LINE LIST, and GRAPH gadgets. * Use data filters. * Define new variables with recoded values, formatted values, and simple or conditional assignments. * Create group fields |
| 3:30 PM – 3:45 PM | **Break** |  |
| 3:45 PM – 5:00 PM | **Lesson 6- Data Analysis using the Visual Dashboard**  **(Continuation)** | * Use the Matched Paired Case Control gadget. * Export data to new data files and formats. * Save output in various formats (HTML, Excel, Word) * Save a dashboard to access later. |
| 5:00 PM –5:15 PM | **Epi Info 7 Best Practices** |  |
| 5:15 PM –5:30 PM | **Q&A /Review/Course Evaluation** |  |