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)
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| 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.
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| 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
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| 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
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| 12:00 PM – 1:30 PM | **Lunch (on your own)** |

# Afternoon Session

| **Time** | **Topic** | **Objectives** |
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| 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.
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| 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
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| 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
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| 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.
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| 5:00 PM –5:15 PM | **Epi Info 7 Best Practices** |  |
| 5:15 PM –5:30 PM | **Q&A /Review/Course Evaluation** |  |