Indian Health Service
Office of Information Technology Presents:
Advanced RPMS Laboratory Training

Instructor(s):
David T. Cole, B.S., MT(ASCP)
david.cole@medsphere.com

Class Objectives: Students completing this course should be able to:

- Configure tests or panels
- Retire a previously configured test
- Configure of Quick Order and Test Group menus
- Map of Taxonomies
- Configure TIU's
- Configure and map referred tests
- Configure CPT codes
- Configure an instrument interface and have a basic knowledge of the DI server configuration
- Locate and utilize Delta Values for in order to Calculate test values
- Utilize the GIS Reference Interface menu to monitor, start and stop the interfaces
- Resolve basic reference laboratory interface issues
- Configure Cumulative reports
- Configure laboratory notifications
- Run the LOIN and UCUM mapper
- Perform routine maintenance tasks

Class Description

Meaningful Use requirements will be reviewed. This will include a discussion of level 2 requirements.

This class will provide an overview of Laboratory Test and Panel configuration in RPMS.   The curriculum will include an in depth discussion on the use of age and gender quality assurance ranges and the use of delta values with respect to calculated values. Additional information will be provide on the use of parameters in the Auto Instrument file to enable the transformation of results. A specific focus will be reference lab test configuration and nomenclature including requirements for panels and ask at order tests.

The configuration of Accession Test Groups and Quick Orders will be covered. Requirements for adding and retiring a test will be reviewed, including mapping of taxonomies, updating menus, changing the CPT file and updating TIU's.

The class will cover instrument interface configuration. An overview of required configuration on the Data Innovation server will be discussed with the understanding that this maintenance is the responsibility of the facilities and Data Innovations.

Label printer configuration will be covered in depth. Trouble shooting and resolving label printer issues will be reviewed .

Notification configuration will be covered.

The course will cover cumulative report configuration.

Problem resolution with respect to reference lab GIS interface will be reviewed.

The auto LONIC and UCUM mapper will be discussed. The on-line LONIC mapper and RELMA provided by the Regenstrief Institute will be discussed.

Intended Audience

Participants must have already attended "Introduction To Laboratory" or " EHR Laboratory Package for Small Sites without a Laboratory Professional". The class is suitable for Laboratory staff members responsible for maintaining the Laboratory system.

Agenda
All Times are Mountain Standard Time

Day 1	Welcome/ Introductions	30 Minutes
	RPMS/Laboratory Package Configuration	1 Hour
	RPMS Data Flow	
	VA Fileman Review/Day One Files	
	Adding a New Test	
	Retiring a Test	
	Accession Test Groups and Quick Orders Configuration	1 Hr
	Break	15 Min
	Exercises (Test, Test Group and Quick Order Configuration)	1 Hr 15 Min
	Lunch	1 Hr
	Mapping Taxonomies	30 Min
	Exercises (Taxonomies)	30 Min
	Mapping TIU	30 Min
	Break	15 Min
	Mapping Reference Lab Tests	30 Min
	CPT Code Configuration	30 Min
	Exercise	45 Min

Day 2	Review Day One	30 Min
	Instrument Interface Configuration	1 Hr
	DI Configuration	
	Auto Instrument Configuration	
	Using Parameter 1 to default a value	
	Exercise	30 Min
	Break	15 Min
	Utilizing Delta for Calculated Values	15 Min
	Label Printer Configuration	45 Min
	Review GIS Reference Interface Configuration	45 Min
	Lunch	1 Hr
	Trouble Shooting Reference Lab Issues	1 Hr
	Exercise - Resolving Site Specific Interface Issues	45 Min
	Break	15 Min
	Cumulative Report Configuration	1 Hr
	Exercises	30 Min

Day 3	Review Day 2	30 Min
	EHR Demonstration	1 Hr
	Exercise - EHR	1 Hr
	Break	15 Min
	Notification Configuration	45 Min
	Exercises - Notification	30 Min
	Lunch	1 Hr
	LONIC and UCUM Auto Mapper	1 Hr
	Exercises	30 Min
	Break	15 Min
	System Maintenance	30 Min
	Session Wrap Up	45 Min