SU-568

Apex-Alpha™ Operations

MIRION**SERVICES**

DESCRIPTION

This 3-day course is a combination of lecture and hands-on operations covering the APEX® "Lab Productivity Suite" software for Alpha Spectroscopy. The training will cover the architecture of the Apex-Alpha operations environment, interactions between the Apex-Gamma™ software, Genie™ utilities and facility database software, software installation, operational setups, security, sample counting job streams, reports, QA, data review, and event logging with the use of simulators. Discussions will also include Batch QA samples that accompany unknown samples. The course is conducted in an interactive style and attendees are encouraged to ask questions and participate in group discussions. Approximately 60% of this course will be presented in lecture format, with the remaining time allocated for hands-on exercises with discussion.

HOW YOU WILL BENEFIT

Attendees who complete this course will establish or refresh a solid foundation in the operation of the Apex-Alpha software package, including specific software features and system setup requirements. This knowledge enables the attendee to correctly prepare the software as it was designed (for a complex multi-detector analytical environment), operate the software, and understand the analysis results. Supervisors and managers benefit from an improved level of software understanding on the part of their technologists, ensuring a more efficient and defensible analytical process in the laboratory.

WHO SHOULD ATTEND

Technologists, count room managers, or supervisory personnel who are responsible for setup, processing, reporting and data review of sample isotopic analyses for alpha activity will greatly benefit from attending this class.

COURSE CONTENT

- Apex-Alpha General Overview
- Apex-Alpha Setup (for a Facility)
- Main Menu Use
- Detector Calibrations
- Quality Assurance Considerations and Setup (Chemistry and Detector)
- Detector QA Checks
- Quality Assurance for Sample Batch Counting
- Create Batches for Counting
- Data Review and Re-analysis
- Routine and Summary Data and QA Reports
- Event Logs

PREREQUISITES

It is recommended that attendees have completed Mirion's Fundamentals of Alpha Spectroscopy (GP-202) course, or have equivalent experience. Also, students should have some Genie software experience, preferably including completion of Mirion's Genie Basic Operations (SU-470) course.

To register, visit
www.mirion.com/na-courses

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PATHWAYS TO EXPERTISE LEVEL:
Ⓣ **FUNDAMENTALS**