



**SU-652**

# Apex-Alpha/Beta™ Advanced Topics

## DESCRIPTION

This 2-day course is a combination of lecture and practical examples covering the optimization of Mirion Apex-Alpha/Beta software. Approximately 40% of the course will be presented in lecture format, with the remaining time allocated for hands-on learning activities and associated discussions. The course covers a full range of system optimization tips and techniques, and is conducted in an interactive style to encourage active participation by all attendees.

## HOW YOU WILL BENEFIT

Attendees who complete this course will gain a thorough understanding of the practical measures necessary to optimize the Mirion Apex-Alpha/Beta system. This knowledge enables the attendee to correctly prepare the software as it is designed, in a complex multi-detector analytical environment. Supervisors and managers will benefit from an improved level of software understanding on the part of their Apex-Alpha/Beta system administrator, ensuring a more efficient and defensible analytical process in the laboratory.

## WHO SHOULD ATTEND

Technologists or supervisory personnel who are existing administrators or potential administrators of Apex-Alpha/Beta systems should attend. Attendees should have a good working knowledge of Apex-Alpha/Beta software. This course is not recommended for users who have never operated an Apex-Alpha/Beta system or who have never attended previous formal Apex-Alpha/Beta training.

## COURSE CONTENT

New technologists or supervisory personnel who need to gain a general understanding of ionizing radiation, radioactive decay, radiation detection methods, and practical radiation measurement applications. This course is also suitable for experienced technologists desiring a fundamentals refresher. This course will review the complete range of Apex-Alpha/Beta operations from calibration through the generation of analytical results. All software operations related to calibration, analysis setup, analysis options, report generation, report review, and quality assurance measures will be taught to the expert level. Some example topics are listed below:

- ✓ Apex-Alpha/Beta database backup and recovery
- ✓ Management of database
- ✓ External linking to Database (Crystal Reports, Excel, Reporting and LIMS importation)
- ✓ Advanced reporting using Stimulsoft tools
- ✓ Attenuation curve optimization
- ✓ Quality Control charting
- ✓ Advanced error troubleshooting

## PREREQUISITES

Students planning to attend this “Advanced Topics” training course must have a good working knowledge of the basic features and setup options available in the standard Apex-Alpha/Beta software. Prior completion of Mirion’s Apex-Alpha/Beta TrainingTrax through course SU-650 is strongly recommended.

To register, visit  
[www.mirion.com/na-courses](http://www.mirion.com/na-courses)