

Syllabus for Success program for the Echo[®] MS Systems

SCIEX training courses follow the proven spaced learning approach to maximize learning retention. The training process includes a blend of instructor-led training, hands-on laboratory exercises and self-paced eLearning, provided at the customer site.

Course goals and outcome

This course is personalized for your workflow on the Echo MS system.

This syllabus covers the Success Plus and Master programs. The Success Plus program includes 2.5 onsite training days and is intended for a learner with minimal experience. The Success Master program includes 3.5 onsite training days and is intended for a novice learner with no experience.

Table 1 details the topics that will be covered during the Success Plus and Master programs. The topics covered will vary depending on your level of experience and workflow.

Upon completing the course, you should be comfortable with setting up the system, creating and optimizing MS and AE methods, acquiring data for a set of samples, performing data processing, and carrying out system maintenance.

This course offers an Operator workflow certificate upon completion of a knowledge assessment.

Training program overview

Your Success Program training includes the following:

- 2 hours of software and workflow related eLearning courses
- 5 hours (0.5 days) of instructor led and hands-on training provided at your site by a Service trainer
- **Success Plus:** 2 days of instructor led and hands-on training provided at your site by an Applications Support Scientist experienced in your workflow
- **Success Master:** 3 days of instructor led and hands-on training provided at your site by an Applications Support Scientist experienced in your workflow
- Complimentary follow-up virtual session with an Applications Support Scientist
- 2 hours of software and maintenance related eLearning courses
- Basic Operator workflow certificate upon successful completion of final exams
- P.A.C.E.[®] Continuing Education Credits for on-site training and selected online eLearning courses

- Access to SCIEX Now Learning Hub database of >100 eLearning courses
- Access to SCIEX Now online support tools available for up to 3 learners

P.A.C.E.[®] certification

SCIEX is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.[®] Program. Learners interested in obtaining a P.A.C.E.[®] certificate and P.A.C.E.[®] accreditation for taking this course (equal to 12 P.A.C.E.[®] credits for Success Plus and 18 credits for Success Master) must attend the entire training session and complete a brief evaluation survey.

Table 1: General topics covered during Success programs

Topics covered during training	Success Plus program (2.5 total onsite days)	Success Master program (3.5 total onsite days)
Number of hands on training days	0.5 Days with Service trainer 2 Days with Applications Support Scientist	0.5 Days with Service trainer 3 Days with Applications Support Scientist
SCIEX OS overview		Overview of SCIEX OS
Fundamentals		Theory of AEMS Echo MS System overview and sample setup
Compound optimization and MS method creation		Perform automated compound optimization and MS method creation
Source parameter optimization for MS method		Perform manual optimization of source and gas parameters for the MS method
AE method optimization		Create and optimize an AE method
Data acquisition		Acquire data for a well plate
Data processing		Data review of the acquired data and how to perform auto-triggered data processing
System Suitability Test		Assess system performance using an appropriate solution

NOTE: the topics covered will vary depending on the learner's level of experience and their workflow

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