Success Program Syllabus for Forensics Screening Learning Path

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

COURSE GOALS AND OUTCOME:

This SCIEX University™ course is personalized for the Forensics Screening workflow on a SCIEX triple quadrupole or QTRAP® system. It offers a basic operator and method developer workflow certification.

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.

The Success Plus Program is intended to provide a novice user with the knowledge necessary to set up the instrument, create basic and advanced LC-MS/MS methods, acquire data for a set of samples, perform quantitation using MultiQuant™ Software or SCIEX OS-MQ, manage libraries, and carry out instrument maintenance.

The Success Master Program is intended to provide a novice user with the knowledge necessary to set up the instrument, optimize compound and source parameters to create basic and advanced LC-MS/MS methods, acquire data for a set of samples, perform quantitation using MultiQuant Software or SCIEX OS-MQ, manage libraries, and carry out instrument maintenance.

SUCCESS PROGRAM OVERVIEW:

Your Success Program Training includes the following:

- 3 hours of Introductory eLearning courses
- 5 hours (0.5 days) of instructor led and hands-on training provided at your site by a Service Engineer
- **Success Plus**: 2 days of instructor led and hands-on training provided at your site by an Applications Support Scientist experienced in Forensics workflows
- **Success Master**: 3 days of instructor led and hands-on training provided at your site by an Applications Support Scientist experienced in Forensics workflows
- Complimentary follow-up WebEx session with an Applications Support Scientist
- 4 hours of Software and workflow related eLearning courses
- Basic Operator and Method Developer Workflow certifications 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 University 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 both days and successfully complete all learning modules and a brief evaluation survey.

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 Engineer **2 Days** with Applications Support Scientist	**0.5 Days** with Service Engineer **3 Days** with Applications Support Scientist
Fundamentals	Quantitation and screening basics using LC-MS Sample preparation theory	Quantitation and screening basics using LC-MS Sample preparation theory
Analyst® Software	Overview of different modules	Overview of different modules
Instrument Optimization	Instrument optimization using PPG	Instrument optimization using PPG
Compound Optimization	**Not covered**	Using Compound Optimization Mode Using Manual Tuning Mode
Acquisition Method	Create MS method with multiple MRM transitions Create Scheduled MRM™ method Create HPLC methods Using a divert valve Create multi-experiment method Create targeted EPI method	Create MS method with multiple MRM transitions Create Scheduled MRM™ method Create HPLC methods Using a divert valve Create multi-experiment method Create targeted EPI method
Source/Gas Optimization	**Not covered**	Optimal probe and electrode settings FIA optimization Source optimization using a column
Acquisition Batch	Setup a sample batch Create Quick Quant Method Sample submission Queue management	Setup a sample batch Create Quick Quant Method Sample submission Queue management
Explore Mode	Using different features of Explore Mode	Using different features of Explore Mode
Quantitation Using MultiQuant Software or SCIEX OS-MQ	Create processing method Data review Processing EPI data	Create processing method Data review Processing EPI data
Maintenance and Troubleshooting	System maintenance HPLC and MS troubleshooting Best practices for LC-MS	System maintenance HPLC and MS troubleshooting Best practices for LC-MS

Topics Covered During Success Plus and Master Programs

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

DOC: RUO-CST-02-4336-C

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