Q·MATION | AVEVA SELECT | Certified Training

PUTTING AVEVA TO WORK FOR YOU

Q-mation delivers hands-on, instructor-led certified training for all AVEVA software products, empowering you and your team to succeed. Over 15,800 students spanning 38 U.S. states and five continents have advanced their skills through Q-mation's comprehensive training programs. Unlock the power and full potential of AVEVA software with Q-mation's certified training. We're here to help you succeed!

15,800+ STUDENTS   **38 STATES**   **5 CONTINENTS**

LEARN FROM THE EXPERTS

Our certified instructors combine technical expertise with real-world experience, having implemented AVEVA solutions in practical projects. Through lab-driven courses, we provide actionable insights, best practices, and personalized solutions to meet your application challenges.

TRAINING THAT FITS YOUR NEEDS

Choose from our extensive curriculum of training courses offered online and at our regional authorized training centers, or let us bring the training to you! Q-mation also offers customized, on-site training at your location, tailored to your unique requirements, providing convenience and flexibility.

SYSTEM PLATFORM Part 1 *Application Server / InTouch for System Platform* (5-day course)

The AVEVA™ System Platform Part 1 course is a 5-day, two-part instructor-led class designed to provide an overview of the features and functionality of AVEVA Application Server and AVEVA InTouch for System Platform. This course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use these features and functions for plant modeling and HMI design.

SYSTEM PLATFORM Part 2 *Historian Server / Historian Client* (4-day course)

The AVEVA™ System Platform Part 2 course is a 4-day, instructor-led class designed to provide a fundamental understanding of the features and functionality of AVEVA Historian for both AVEVA Application Server and AVEVA InTouch HMI applications. This course provides lectures and hands-on labs to present and reinforce the knowledge necessary to use Historian for SCADA and factory data. This information includes configuring, historizing, and retrieving historical and auto-summary data, implementing data replication to a remote historian, and inserting, updating, and importing historical data.

OPERATIONS & MAINTENANCE *for System Platform* (2-day course)

The Operations & Maintenance for AVEVA™ System Platform course is a 2-day course that teaches system owners how to maintain and troubleshoot their applications to maximize uptime and minimize downtime. Students will learn how the System Platform components work together and how to utilize the Integrated Development Environment (IDE) for monitoring and troubleshooting. Students will learn to use diagnostic tools, system event loggers, troubleshooting techniques, security and maintenance approaches, and access available support resources.

INTOUCH HMI COMPREHENSIVE (5-day course)

The tag-based AVEVA™ InTouch HMI Comprehensive course is a 5-day instructor-led class that explains how to create and configure a stand-alone InTouch application using Industrial Graphics. The course provides a fundamental understanding of the basic principles of InTouch HMI visualization software and the steps necessary to develop a human-machine interface (HMI) system for a plant floor or facility. You will be guided through the InTouch HMI software platform's setup, layout, best practice concepts, features, and functions. Hands-on labs reinforce concepts and features.

AVEVA EDGE (4-day course)

The AVEVA™ Edge course is a 4-day, instructor-led class designed to provide a fundamental understanding of the AVEVA Edge software's features and functionality. The software enables users and machine builders to quickly create intuitive, secure, and highly maintainable HMI applications. The course provides lectures and hands-on labs to supply and reinforce the knowledge needed to use the software to develop an HMI for a plant floor environment using basic software elements. InduSoft users can use the InduSoft software during the class, but the manual only addresses AVEVA Edge 2020. (Please note that InduSoft Web Studio is now AVEVA Edge.)

OMI CLIENT *for System Platform* (4-day course)

The OMI Client for System Platform* course is a 4-day, instructor-led class designed to provide an overview of the features and functionalities released with the Operations Management Interface (OMI) software. It covers the components and capabilities of the software and topics to help you build and deploy an OMI visualization application for System Platform. It also introduces tools for creating graphics, visualizing alarms, events, trends, and history, and implementing security in an OMI application. Hands-on labs are provided to reinforce the knowledge necessary to use the AVEVA™ Operations Management Interface software. (*Successful completion of Q-mation's System Platform Part 1 course (or) equivalent working System Platform experience is a prerequisite for this training course.)

MES OPERATIONS AND PERFORMANCE (5-day course)

MES Operations and Performance is a 5-day instructor-led class designed to teach the AVEVA™ MES Operations and Performance modules. Using MES Operations, students will learn how to configure and define an operations model, products, and production capabilities. Operations material will demonstrate parameter download/upload and data collection and how to report traceability and genealogy information. Performance training will teach configuring and deploying a data collection system to analyze and report equipment utilization, availability, quality, and performance.

MES QUALITY MODULE (2-day course)

The MES Quality course is a 2-day, instructor-led class designed to provide a working knowledge of the features and functionality of the AVEVA™ MES Quality software module. This course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use the MES Quality software module to address the configuration and deployment of a data collection system, which allows for the analysis and reporting of quality management data using a sample recording object.

AVEVA BATCH MANAGEMENT (5-day course)

The AVEVA™ Batch Management course is a 5-day, instructor-led class designed to provide a fundamental understanding of the features and functionality of the AVEVA Batch Management software. The course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to apply Batch Management to a batch processing application, including creating the plant model, creating recipes, and simulating their execution.

AVEVA REPORTS FOR OPERATIONS (3-day course)

The AVEVA™ Reports for Operations technical training course is a 3-day, instructor-led class designed to give students a fundamental understanding of the Reports for Operations software. AVEVA Reports for Operations is the leading programming-free, user-friendly reporting solution created specifically for industrial automation as the simplest solution to extract data from almost any control system (PLCs, HMIs, standard protocols), process Historians, and open databases.

PLANT SCADA (CITECT) (4-day course)

The Plant SCADA (Citect) tag-based course is a 4-day, instructor-led class focused on HMI application design. The course uses lectures and hands-on labs to provide a fundamental understanding of the basic principles of the Plant SCADA visualization module and the steps to develop a Human Machine Interface (HMI) system for your specific plant floor. Students will be guided through the Plant SCADA software platform setup, layout, features, functions, and best practices. Hands-on labs will reinforce concepts and features.

AVEVA WORK TASKS (5-day course)

The AVEVA™ Work Tasks course is a 5-day, instructor-led class designed to provide a basic understanding of the software as an extension to Business Process Management (BPM) strategies to create end-to-end manufacturing scenarios across systems and human workforces. The course provides lectures and hands-on labs to illustrate the configuration, definition, execution, and analysis of digital workflows using the System Platform Extension and Connector for integration with Application Server.

MODEL-DRIVEN MES (3-day course)

The Model-Driven MES with AVEVA™ MES course is a 3-day, introductory instructor-led class designed to provide an overview of the model-driven MES (Manufacturing Execution System) framework. This course includes a comprehensive overview of using AVEVA Work Tasks to build MES solutions, including best practices and recommendations. Course topics will be presented in lecture format and reinforced through hands-on exercises.

AVEVA MOBILE OPERATOR (3-day course)

The AVEVA™ Mobile Operator course is a 3-day, instructor-led class that includes lectures and hands-on labs designed to provide an understanding of Mobile Operator, a suite of configurable software, and rugged mobile hardware products providing workflow, procedural, and general task management capabilities. Mobile Operator functionality typically focuses on plant operations, maintenance management, production tracking, and compliance applications for mobile field workers.

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Questions? Email **training@q-mation.com** or call (877) 900-4996 for more information or to discuss a customized training program!