BAYTEK
INTERNATIONAL

COURSE DESCRIPTION

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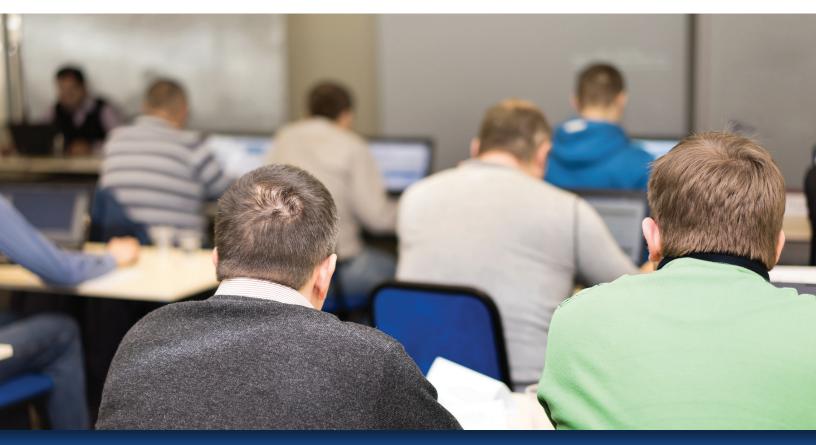
The System IT Administrator course is designed to help you manage your BLISS LIMS system. System installs, upgrades, and maintenance are covered.

COURSE STRUCTURE

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This course is designed as a presentation with guided practice. We will utilize VMWare technology to simulate a server-client environment. Each student is assigned a laptop that hosts a virtual machine representing the database and BLISS servers. Students are given a thumb-drive containing course materials and manuals. Certificates of Completion are given at the end of the course.

The schedule in this document serves as a guideline. We may spend more or less time on each topic as needed. At the end of each day there will be a 'Wrap-up' time where you can bring up questions on- or off-topics covered that day. We will also demo Baytek's LIMS software 'cBLISS' during Wednesday's lunch time. This is an optional session.

COURSE CONTENT AND SCHEDULE

T U E S D A Y

SESSION ONE   8 – 9:45 AM

Overviews
- Introductions and Course Structure
- BLISS Architecture and Applications
- Oracle Structure

Oracle Server
- Important Database Configuration
- Installing Oracle Database
- Creating a BLISS Database

SESSION TWO   10 – 11:45 AM

Oracle Server Continued
- Patching Oracle Database

Oracle Client
- Installing Oracle Client
- Patching Oracle Client
- Database Connectivity

SESSION THREE   1 – 2:45 PM

Database Imports and Exports
- impdp
- expdp

SQL Server
- Installing SQL Server
- Creating a SQL Database
- Convert from Oracle to SQL

SESSION FOUR   3 – 4:30 AM

Database Maintenance
- Preventative Maintenance Schedule
- Backup and Recovery
- Database Growth
- Reducing the Production Database
- Database Archives

Wrap – up
- Q & A

COURSE CONTENT AND SCHEDULE CONTINUED

W E D N E S D A Y

SESSION ONE   8 – 9:45 AM

BLISS Application Server
- Database Connectivity
- BLISS Services Installations
- Upgrading a BLISS Database
- Schema Reports

SESSION TWO   10 – 11:45 AM

BLISS Application Server
- Services Overview
- cBLISS, BDMI, Label Services
- Report Distribution System (RDS)
- Scheduler and AlogPro
- Email Task and Notifications
- Codesoft

SESSION THREE   1 – 2:45 PM

BLISS Application Web Service
- Server Requirements
- Installing IIS
- Server Configuration
- cBLISS Installation
- License Key
- cBLISS Side-by-Side Installation
- cBLISS Dashboard

SESSION FOUR   3 – 4:30 AM

Last session
- Client installs
- Baytek Helpful Documentation
- VortalDESK

Course Wrap – Up
- Course Review
- Last Questions
- Class Evaluations
- Certificates of Completion