

# 2011



## North American



# LIMS

*Training Program*



**Accelerated  
Technology**  
LABORATORIES INC.

[www.atlab.com](http://www.atlab.com)

## Winter program

Hampton Inn & Suites  
Aberdeen, North Carolina  
February 28-March 4, 2011

## Summer program

Hampton Inn & Suites  
Aberdeen, North Carolina  
September 12-September 16, 2011



**In today's competitive atmosphere**, laboratories are searching for ways to leverage their technology investments, especially their laboratory information data management and reporting systems. One of your best investments toward this goal is to provide in-depth training for your database administrators and laboratory super-users.

For the past eleven years, ATL has offered our customers bi-annual LIMS Boot Camp Training Courses, as we actively support and maintain your investment through regular formal classes. The focus of ATL's LIMS Boot Camp is to provide students with the skills to understand the tools they need to successfully utilize ATL's Sample Master® product line and ATL's other laboratory automation solutions.

The 2011 LIMS Boot Camp Training Course is an excellent opportunity to expand your knowledge base, in either the 3-day intermediate class or the 2-day advanced class. Students will gain knowledge on how to best utilize these solutions to assist you in meeting the data management and reporting requirements in your laboratory. The instructor's have a strong computer science and laboratory automation background and are excited to share their expertise with our Sample Master® LIMS Boot Camp attendees.



**Dr. Joanne Dussourd** completed her undergraduate education in Biological Sciences, and received her PhD in Physiology at Cornell University in New York. Dr. Dussourd also holds a BS degree in Computer science from the University of Central Arkansas, with a 4.0 GPA. She is currently a software engineer and instructor at ATL, Inc.

Following her doctoral work, she served as a visiting Professor at Duke University in North Carolina for a year, a Research Associate and Laboratory Manager at the University of Maryland at College Park, MD for four years and an Instructor at the University of Central Arkansas for 6 years. While at the University of Maryland she taught various lecture and laboratory courses, in addition to performing research and managing a laboratory. At the University of Central Arkansas she taught laboratory courses in both physiology and computer science. Joanne brings a unique combination of over 22 years of laboratory and computer science expertise to effectively train on laboratory information management.



**Chuck Hindbaugh** has over 17 years of laboratory/LIMS experience and he is the Implementation Services Team Leader at ATL, Inc. Chuck received his Bachelors of Science Degree from Eastern Michigan University in Biochemistry and Toxicology.

Chuck worked as a Chemist, starting in wet chemistry and then moving to more sophisticated analysis where responsibilities included measuring environmental contaminants from a variety of sample matrices including water, wastewater, soil, sludge, and air (particulate and adsorption media). He was also responsible for managing and maintaining varieties of analytical instrumentation, including a FLAA, GFAA, ICP, Cold Vapor Mercury, as well as a GC, and GC/MS. Before joining ATL, Inc., Mr. Hindbaugh served as Quality Manager and Laboratory Manager for several years, where he was responsible for managing field sampling, analytical and environmental testing services, project management, regulatory compliance, resource management and workplace safety. Mr. Hindbaugh has expertise in the following areas: NELAP/NELAC, and A2LA using ISO/IEC 17025. He has been invited to speak on LIMS and laboratory automation and presented numerous talks and papers at key environmental conferences, such as Pittcon, NEALC and AWWA WQTC. He is an ATL Certified Trainer with over 12 years of experience teaching users to operate, manage and maintain LIMS.



**Howard Rhyme** is Director, Support and Customer Fulfillment and a Sample Master® LIMS Certified Trainer with over 25 years of industry experience in software design and development.

In addition to his years of experience at ATL, Howard has worked for fortune 500 firms in the healthcare data management and information technology services industry. He held senior IT positions working for HBOC, McKesson – empowering healthcare and American Express. During this time Howard managed and worked with development teams responsible for all aspects of Healthcare Information Systems including Patient Financial, Patient Care, and Laboratory Data Management modules. The combination of Howard's industry expertise, computer programming expertise and desire to assist clients in better managing their laboratory data makes him an excellent instructor.

## Sample Master® LIMS Intermediate Boot Camp

February 28-March 2, 2011

September 12-September 14, 2011

### Why You Should Attend

In today's competitive atmosphere, laboratories are searching for ways to leverage their technology investments, especially their laboratory information data management and reporting systems. One of your best investments toward this goal is to provide in-depth training for your database administrators and laboratory super-users. Many Sample Master® LIMS users have successfully completed the initial on-site core training that provides an introduction to the fundamentals of the LIMS functionality. The Intermediate course is designed to provide a deeper understanding of the LIMS functionality of each feature-rich module, for the everyday user as well as the super-user.

### Who Should Attend

This course will benefit everyday LIMS users, laboratory managers, chemists, microbiologists, IT workers, analysts, any team member whose job involves information technology, reporting, creation of QC charts, data processing and management. The focus of this intermediate course is to build upon existing knowledge and to leverage those skills to allow users to return to the workplace equipped with the skill set to extract the most functionality from the LIMS to provide maximum benefit to the organization. This course is a pre-requisite for the 2-day Advanced LIMS Boot Camp.

### Attend and You Will Learn

- The course provides an in-depth review of Sample Master® LIMS module functionality.
- Starting and Logging in to Sample Master® LIMS.
- Configuration of the Sample Master® Maintenance Module and utilization of the task manager.
- Configuration of the Sample Master® Sample Tracking Module and population of the pull down menus, form captions and reports.
- Setting up Sample Master® Data Entry Module.
- Capability of additional functionalities, such as e-mail and scanner functionality.
- Setting up Sample Master® Sample Scheduling Module for routine collection or studies.
- Configuration of the Sample Master® QA/QC Module.
- Configuration of the Sample Master® Electronic Data Transfer Module for instrument integration or electronic data.
- Setting up Sample Master® Chemical Inventory Module, including vendors, supplies, lot number, etc.

- Configuration of the Sample Master® Resource Management Module, to track instrument repairs, maintenance, calibration and employee training records on courses completed to date.
- Configuration of the Sample Master® CRM Module.
- Setting up Sample Master® Time Tracking Module.
- Sample Master® Database Administration and introduction to basic configuration and customization.
- Introduction to performing basic LIMS Database Administrative Tasks.
- Introduction to basic query concepts and minor modifications of included reports.
- Introduction to new Screens (Form) Design and Programming in Sample Master® LIMS.
- Beginning Reports Design and Programming.
- Introductory Sample Master® LIMS Customization.

### Attend and You Will Receive

- A Comprehensive 400+ page LIMS workbook.
- A Supplemental Text: Microsoft Office Access 2003 Step by Step by Online Training Solutions Inc. a \$24.99 value.
- Three networking luncheons.
- A Certificate of Achievement.
- Glossary of LIMS Terms.

### What Others Have Said

"Attending the Sample Master® Boot Camp training was a great experience. The Trainers were extremely knowledgeable in Sample Master® and made learning fun and easy. As a Chemist and not an IT person, the course provided me the fundamentals to configure Sample Master®. The training helped me bridge that gap between Laboratory and IT functions."

*ML: Alcoa Intalco Works, Ferndale, WA*

"The ATL trainers did an excellent job teaching the Sample Master® Pro LIMS fundamentals. The course provided interactive, hands on, learning environment with real world examples."

*BE: Technology Laboratory, Inc., Fort Collins, CO*

"The workbook exercises were very useful."

*BI: Turnkey Solutions, Cairo, Egypt*

"By attending the Sample Master® Boot Camp, I learned in 5 days what may have taken many months."

*LJ: City of Clearwater Water Pollution Control, Clearwater, FL*

### Course Fee – 3 Day Course

\$2,995.00 for the first registration from your organization  
\$2,595.00 for additional students from same organization

## Sample Master® LIMS Advanced Boot Camp

March 3-March 4, 2011

September 15-September 16, 2011

### Why You Should Attend

The advanced class is designed to leverage the skills learned in the intermediate class and to introduce students to the numerous possibilities of the configuration and customization potential of the system. The course requires that students have a basic understanding of Visual Basic or Microsoft Access, which will be required to participate in the class exercises and lesson plans.

### Who Should Attend

This course will benefit LIMS administrators, super users, laboratory IT professionals that support the laboratory via custom report creation, modifications and overall database management. The focus of the advanced course is to build upon the knowledge base acquired in the intermediate course and to leverage those skills to allow users to return to the workplace equipped with the skills to build new reports and integrate new forms into the LIMS as well as to automate routine system tasks, via the task manager. This course is a pre-requisite for the 2-day Intermediate Report Writing Course.

### Attend and You Will Learn

This course will allow students to obtain the skill set required for making new reports, being able to modify any of the existing reports and creating custom exports of LIMS data. Major topics covered include:

#### Basic LIMS Customization Review

- Modifying an Existing Sample Master® Report
- Creating a Sample Master® Custom Report
- Automating a Sample Master® Custom Report
- Adding Tables
- Adding Queries
- Creating Custom Screens
- Adding Functions to Sample Master® Main Menu
- Modifying Sample Master® Forms Menus

#### Using Sorting & Grouping and Calculating Averages on Reports

- Sorting and Grouping
- Built-in Mathematical Functions in Access Reports
- Creating a Report with Sorting & Grouping and Statistics

#### Using Sub Reports in Sample Master® LIMS

- Sub Reports Review
- Creating a Report with a Sub Report
- Multiple Sub Reports on a Single Report

#### Introduction to Crosstab Queries and Reports

- Crosstab Queries Review
- Dynamic Crosstab Query
- Crosstab Queries as Data Sources for Reports

#### Creating Static Crosstab Reports in Sample Master® LIMS

- Crosstab Report Limitations in Action
- Creating a Crosstab Report using Static Column Headings

#### Introduction to VB Recordsets

- Variables in Visual Basic
- Properties and Methods of Recordset Variables
- Types of Recordsets
- Using a Recordset in Code

#### Using Recordsets to Create Dynamic Crosstab Reports

- Dynamic Crosstab Report Review
- Making the COABBySample\_Crosstab Report Dynamic

#### Putting Automation to work for the Laboratory

- Create an "Exceptions" Report
- Create an export of this report
- Automate the report's exporting

### Attend and You Will Receive

- A Comprehensive 150+ page LIMS workbook.
- A Supplemental Text: Microsoft Access 2003 Bible a \$49.99 value.
- Two networking luncheons
- A certificate of Achievement.

### What Others Have Said

"The Advance course was awesome, especially on Customization of Reports in Sample Master!"

*AM: Kenya Bureau of Standards, Kenya, Africa*

"The LIMS Boot Camp was a great opportunity to abridge the gap between IT and Lab functionalities and responsibilities. It heightened the awareness and the appreciation of the roles of each department and how they MUST work together, each using their knowledge and expertise, to have a successful LIMS implementation."

*LC: Pennichuck Water Works, Inc., Merrimack, NH*

### Course Fee – 2 Day Course

\$1,995.00 for the first registration from your organization  
\$1,595.00 for additional students from same organization

**When – (Winter Course)****February 28 – March 4, 2011****Where****Hampton Inn & Suites, Aberdeen, North Carolina****Cost**

3-Day Sample Master® LIMS Intermediate Course

**Cost: \$2,995.00**

2-Day Sample Master® LIMS Advanced Course

**Cost: \$1,995.00****Travel Information**

**Hampton Inn & Suites:** Reservations must be made directly with the hotel. Training class reservation fees do not include room charges. ATL has negotiated a reduced room rate for all LIMS training class attendees.

**Hampton Inn & Suites**

200 Columbus Drive, Aberdeen, North Carolina

Phone: (910) 693-4330 Fax: (910) 693-4329

**Local Airports:**

Raleigh International Airport (RDU); Greensboro (GSO); Fayetteville (FAY)

**When – (Summer Course)****September 12-September 16, 2011****Where****Hampton Inn & Suites, Aberdeen, North Carolina****Cost**

3-Day Sample Master® LIMS Intermediate Course

**Cost: \$2,995.00**

2-Day Sample Master® LIMS Advanced Course

**Cost: \$1,995.00****Travel Information**

**Hampton Inn & Suites:** Reservations must be made directly with the hotel. Training class reservation fees do not include room charges. ATL has negotiated a reduced room rate for all LIMS training class attendees, be sure to mention the class.

**Hampton Inn & Suites**

200 Columbus Drive, Aberdeen, North Carolina

Phone: (910) 693-4330 Fax: (910) 693-4329

**Local Airports:**

Raleigh International Airport (RDU); Greensboro (GSO); Fayetteville (FAY)

**Accelerated Technology Laboratories, Inc. Training Class Terms and Conditions**

These conditions apply to training courses offered by Accelerated Technology Laboratories, Inc. Any questions regarding these Terms and Conditions or the registration process should be addressed to the Training Class Coordinator at 910.673.8165.

**Registration:** Accelerated Technology Laboratories, Inc. handles course registrations on a first come, first served basis. In order to confirm a course registration, Accelerated Technology Laboratories, Inc. must have the following items for each course registrant:

*A completed Course Registration Form. A Purchase Order, credit card, check or original Training Tuition Certificate for the full tuition amount.*

*Completed Registration Forms and tuition payments should be sent directly to the Training Manager at Accelerated Technology Laboratories, Inc. Please note that we do not accept registrations by telephone. Written confirmation will be provided for each course registrant within 2 weeks of receipt of registration.*

**Cancellations:** Accelerated Technology Laboratories, Inc. must receive written course cancellations at least ten (10) working days prior to the published course commencement date in order to avoid charges. All cancellations received less than ten days in advance of the course commencement date will be subject to the full course tuition amount. Registrants who fail to attend are liable for the full tuition amount.

Accelerated Technology Laboratories, Inc. reserves the right to cancel or reschedule any course and to change instructors if necessary. In the event of such cancellation Accelerated Technology Laboratories, Inc. will credit 100% of all paid tuition but will not assume responsibility for any airfare penalties or other travel costs.

**Substitutions:** Substitution of registrants from the same company can be made up to 3 days prior to the first day of class without penalty.

**Accommodations:** Accelerated Technology Laboratories, Inc. is conducting Sample Master® LIMS Training Classes at the Hampton Inn & Suites in Aberdeen, North Carolina. Accommodations are the responsibility of the Registrant, Accelerated Technology Laboratories, Inc. will not be involved in or have any control over securing such accommodations, and will not accept any responsibility whatsoever in connection with the provision of such accommodations. However, Hampton Inn & Suites has offered ATL Sample Master® Training class attendees a substantial discount for rooms at the Hampton Inn & Suites. Ask for the "ATL Training Course" rate.

**Payment Terms:** All course tuition fees are due in full prior to the start of the training class or the student(s) may not be admitted.

**Sample Master® LIMS Boot Camp Registration Form****Return To:**

**Training Class Coordinator  
Accelerated Technology Laboratories, Inc.  
496 Holly Grove School Road  
West End, NC 27376  
Fax: 910.673.8166  
Email: [info@atlab.com](mailto:info@atlab.com)**

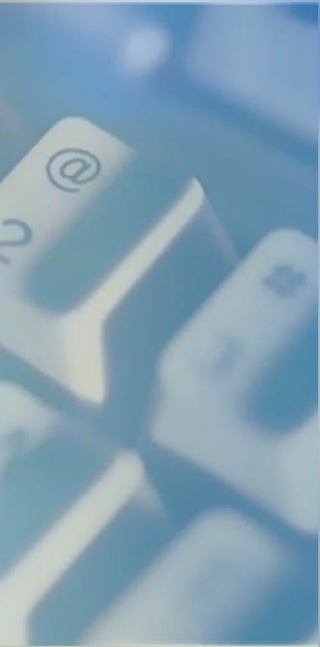
**Registration Information:****Name:****Company:****Address:****City:****State:****Zip:****Phone:****Email:****Which Sample Master® product are you using?****Version:****How long have you been a user?****Your role related to using Sample Master®?****Credit Card (type, number and expiration date):****Purchase Order #****Signature:****Please register me for the following:****Winter ▷ February 28-March 4, 2011 LIMS Training Course**

- |                          |  |                         |
|--------------------------|--|-------------------------|
| <input type="checkbox"/> | <b>3-Day Sample Master® LIMS Intermediate Course</b> | <b>Cost: \$2,995.00</b> |
| <input type="checkbox"/> | <b>2-Day Sample Master® LIMS Advanced Course</b>     | <b>Cost: \$1,995.00</b> |

**Summer ▷ September 12 – 16, 2011 LIMS Training Course**

- |                          |  |                         |
|--------------------------|--|-------------------------|
| <input type="checkbox"/> | <b>3-Day Sample Master® LIMS Intermediate Course</b> | <b>Cost: \$2,995.00</b> |
| <input type="checkbox"/> | <b>2-Day Sample Master® LIMS Advanced Course</b>     | <b>Cost: \$1,995.00</b> |

***\*Course fee includes all training materials and books. Lunches are also included.***



**Accelerated Technology Laboratories, Inc.**

496 Holly Grove School Road

West End, NC 27376

(800) 565-LIMS(5467)

[www.atlab.com](http://www.atlab.com)