



Course Code:	PHP-DMV-001
Course Title:	Building Data-Driven PHP Web Sites with Adobe Dreamweaver CS5
Duration	2 Days
Training Objectives <ul style="list-style-type: none">• To teach attendees the PHP programming skills they need to successfully build interactive, data-driven sites• To teach students enough MySQL database skills to build the databases that will power their sites• To learn how to build data-driven Web sites using Dreamweaver, PHP, and a MySQL database	
Hands-on/Lecture Ratio <p>This MySQL and PHP training class is 70% hands-on, 30% lecture, with the longest lecture segments lasting for 10 minutes. Students "learn by doing," with immediate opportunities to apply the material they learn to real-world problems.</p>	
PHP Training Materials <p>All MySQL and PHP training students receive a copy of Apress' <u>Beginning PHP and MySQL 5: From Novice to Professional</u> and other related courseware.</p>	
Software Needed on Each Student PC <p>The following should be installed on each student PC:</p> <ul style="list-style-type: none">• Microsoft Windows XP / Microsoft Windows Vista / Microsoft Windows 7• Internet Explorer 6 or later or Firefox 2 or later, Google Chrome or Opera.• Adobe Dreamweaver CS 5 or earlier <p>Note: WAMP, available at http://www.wampserver.com/en/download.php provides a single installer with everything you need for the class Windows. Students will install wamp as part of the hands-on "learn by doing" activities.</p>	
Training Outline <ul style="list-style-type: none">• Introduction<ul style="list-style-type: none">○ Roles of server-side languages○ Choosing a server-side language○ Which server-side language is best?○ Overview of PHP and its requirements	



- Goals of this class / Who is this class for?
- Creating a Dreamweaver site
 - Site creation - basic
 - Site creation - advanced
- Database connections
 - Database basics
 - Introduction to SQL
 - Server behaviors
- Querying the database
 - Building a SQL query using the Simple view
 - Building a SQL query using the Advanced view
 - Adding fields from the resulting records to your page
- Displaying and formatting query results
 - Using Repeat Region to display multiple records
 - Formatting results
- Paging through records
 - Schemes for recordset navigation
 - Paging to first, last, previous, and next records
- Show region if...
 - Selectively displaying information based on a conditional
 - Disabling the first and previous record links if the first page of results is displayed
 - Disabling the last and next record links if the last page of results is displayed
- Displaying the count of the number of records returned
- Creating master-detail views
 - Overview of the importance of master-detail views and how they convey information
 - Creating a master-detail view
- Advanced recordsets and multi-table queries
 - Method 1 - Simple recordset with filter
 - Method 2 - Advanced recordset
 - Method 3 - Advanced recordset and multi-table Queries
- Dynamically populating forms
 - Populating text fields, text areas, and hidden fields
 - Populating selection lists, radio button lists, and checkboxes
- Building record insertion forms
 - Building the insertion form by hand
 - Allowing Dreamweaver to generate the record insertion form automatically
 - Creating a page that confirms the record insertion
 - Validating form entries using JavaScript behaviors
- Understanding stored procedures
 - How they are created in the database
 - Advantages/disadvantages of stored procedures versus SQL
 - Calling a stored procedure without passing parameters
 - Passing input parameters to a stored procedure
 - Retrieving parameters from a stored procedure
- Updating records
 - Manually constructing a form that allows the user to update a record
 - Using Dreamweaver to automatically generate a form for updating the record
 - Validating the edited information using JavaScript behaviors
 - Building a confirmation page to display the result of updating the record



- Deleting records
 - Precautions to take to ensure that records are not inadvertently deleted
 - Building an appropriate record deletion interface, complete with confirmation dialog
- Implementing user login/logout with Dreamweaver
 - Overview of Web application security issues
 - Preferred approach: configuring the Web server to manage security
 - Alternative approach: having Dreamweaver automatically generate code for logging users in, authenticating them, and logging them out
 - In-depth instruction on using Dreamweaver with PHP to implement user login/logout and page-by-page authentication
- Conclusion

Lunch Break

Jellof/Fried Rice, Pasta/Spaghetti Bolognias, Seasoned Chicken In sauce, Fried Fish in Tomato Sauce, Pounded Yam/Semovita/Garri, Efo Riro/Egusi/Afan, Plantain, Vegetable Salad.