

CLONESKILLS, INC.

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Lead With Training.

Oracle QA (Oracle Solution Testing and Oracle Business Process Reengineering) Training



Prepare to lead.
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CLONESKILLS

The Global Training Company for Cultivating IT Leadership

CLONESKILLS, Inc.

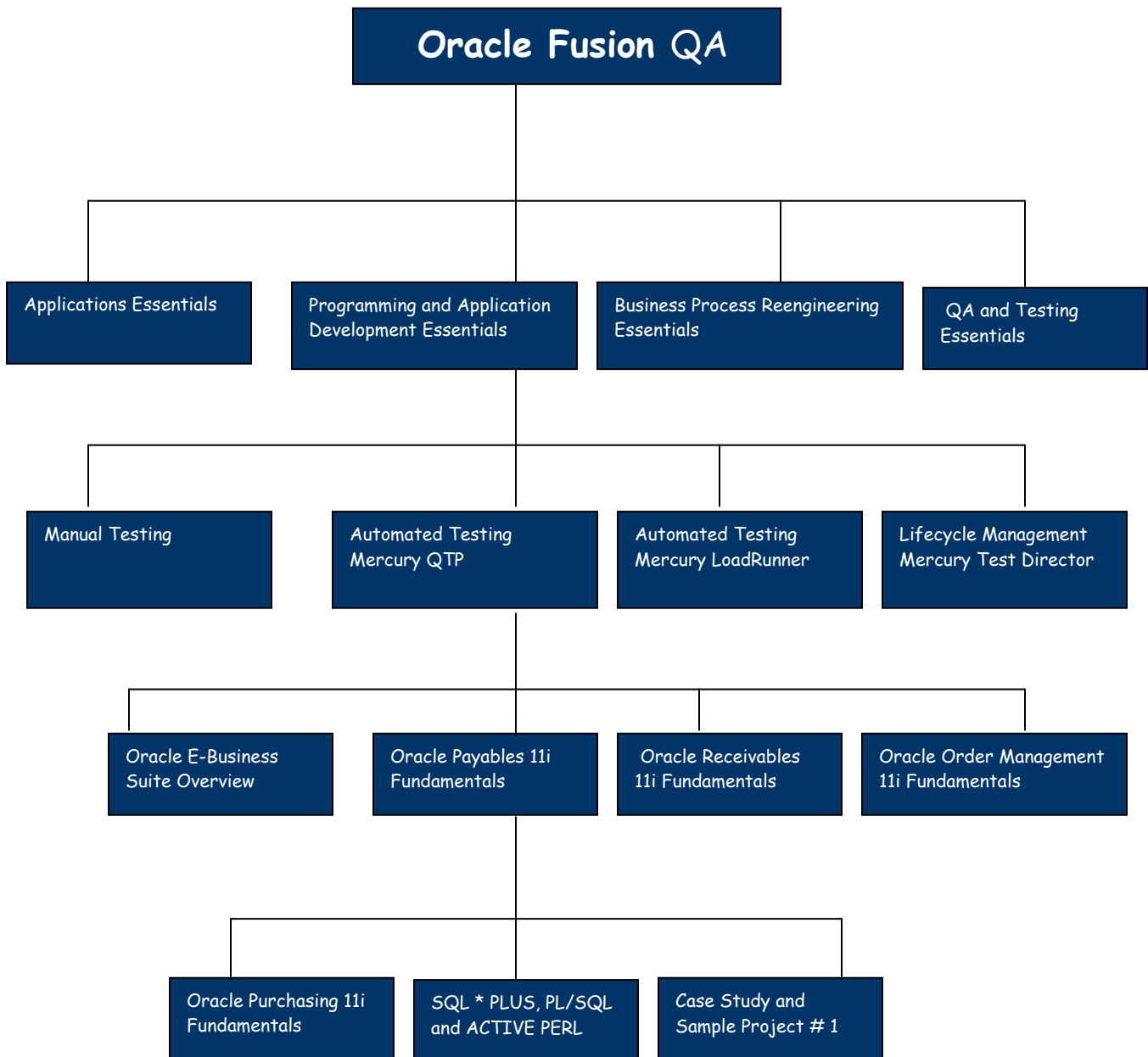
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TRAINING ROAD MAP



Oracle QA (Oracle Solution Testing and Oracle Business Process Reengineering) Training

ORACLE QA (ORACLE SOLUTIONS TESTING AND BUSINESS PROCESS REENGINEERING) TRAINING

COURSE CONTENT AND SYLLABUS – Mercury Tools (TECHNICAL) TRAINING			
#	COURSE CONTENT	SESSION #	SESSION DURATION
1	Fundamentals and Overview Quiz # 1	1	4
2	Process Improvements Fundamentals and Overview Quiz # 2	1	4
3	Software and Applications Testing Fundamentals and Overview Quiz # 2	2	8
4	Applications and Programming Languages Fundamentals and Overview Quiz # 4	3	8
5	Test Director Quiz # 5	4 & 5	16
6	QuickTest Professional Quiz # 6	6 & 7	16
7	LoadRunner Quiz # 7	8& 9	16
8	Sample Project and Interview Preparation	8	8
TOTAL SESSIONS AND HOURS		9	72 HOURS
COURSE CONTENT AND SYLLABUS – Oracle Solutions TRAINING (Applicable only for Qualified Participants)			
	SQL * PLUS and PL/SQL Basic Quiz # 8	10	8
	SQL * PLUS and PL/SQL Advance Quiz # 9	11	8
	Oracle E-Business Suite Payables 11i Fundamentals Quiz # 10	12	8
	Oracle E-Business Suite Receivables 11i Fundamentals Quiz # 11	13	8
	Oracle E-Business Suite Purchasing 11i Fundamentals Quiz # 12	14	8
	Oracle E-Business Suite Order Management 11i Fundamentals Quiz # 13	15	8
	Learning Active PERL Quiz # 14	16	8
	Case Study and Sample Project - # 1 (Using Test Director and QTP in Oracle Solutions)		
	Case Study and Sample Project - # 2 (Using Test Director and Load Runner in Oracle)		
TOTAL SESSIONS AND HOURS		7	56 HOURS

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<p>ORACLE QA (ORACLE SOLUTIONS TESTING AND BUSINESS PROCESS REENGINEERING) TRAINING</p>		
#	AREA OF FOCUS	TOPICS
1	<p>QUALITY & BUSINESS PROCESS MANAGEMENT FUNDAMENTALS AND OVERVIEW FOR ORACLE SOLUTIONS</p>	<ul style="list-style-type: none"> ▪ Project Management Overview (PMBOK) ▪ Quality Assurance ▪ Quality Policy ▪ Quality Control ▪ Quality VS Process Improvement ▪ Six Sigma - DMAIC (Green Belt Level) ▪ Change Management ▪ Configuration Management
2	<p>APPLICATIONS AND PROGRAMMING LANGUAGES FUNDAMENTALS & OVERVIEW</p>	<ul style="list-style-type: none"> ▪ J2EE Application ▪ Web Server ▪ Application Servers ▪ Database Server ▪ Session Management Fundamentals ▪ Transaction Management ▪ Security Management ▪ RDBMS Fundamentals ▪ Oracle SQL * PLUS ▪ Oracle PL/SQL ▪ Software Development Lifecycle (SDLC) ▪ Application Environment Management ▪ Application Problem Management ▪ Application Build and Release Management ▪ Custom Applications Vs Enterprise Applications ▪ SAP ABAP ▪ Active PERL
3	<p>ORACLE SOLUTIONS TESTING FUNDAMENTALS & OVERVIEW</p>	<ul style="list-style-type: none"> ▪ Software Testing ▪ Applications Testing ▪ Manual Testing ▪ Automated Testing ▪ Functional Testing ▪ System Testing ▪ Load Testing ▪ Volume Testing ▪ Stress Testing ▪ Regression Testing ▪ White Box Testing ▪ Black Box Testing ▪ Performance Testing ▪ Testing Role in Hardware Sizing and Capacity Planning

4	<p>MERCURY TEST DIRECTOR (OR QUALITY CENTER)</p>	<p><u>Introducing Quality Center</u></p> <ul style="list-style-type: none"> ▪ The Quality Center Testing Process ▪ Starting Quality Center ▪ The Quality Center Window ▪ Business Case Study – Demo <p><u>Specifying Testing Requirements</u></p> <ul style="list-style-type: none"> ▪ Defining Requirements ▪ Viewing Requirements ▪ Modifying Requirements ▪ Converting Requirements <p><u>Planning Tests</u></p> <ul style="list-style-type: none"> ▪ Developing Test Plan Tree ▪ Designing Test Steps ▪ Calling Tests with Parameters ▪ Creating and Viewing Requirements Coverage ▪ Generating Automated Test Scripts <p><u>Running Tests</u></p> <ul style="list-style-type: none"> ▪ Defining Test Sets ▪ Adding Tests to a Test Set ▪ Scheduling Test Runs ▪ Running Tests Manually ▪ Running Test Automatically <p><u>Adding and Tracking Defects</u></p> <ul style="list-style-type: none"> ▪ How to Track Defects ▪ Adding New Defects ▪ Matching Defects ▪ Updating Defects ▪ Mailing Defects ▪ Associating Defects with Tests ▪ Creating Favorite Views <p><u>Tracing Changes</u></p> <ul style="list-style-type: none"> ▪ Triggering a Traceability Alert ▪ Viewing the Traceability ▪ Creating Follow up Alerts <p><u>Analyzing the Test Process</u></p> <ul style="list-style-type: none"> ▪ Generating Reports ▪ Generating Alerts
5	<p>MERCURY QUICKTEST PROFESSIONAL (QTP)</p>	<p><u>Introducing Quick Test</u></p> <ul style="list-style-type: none"> ▪ Benefit of Automated Testing ▪ Testing Process ▪ QuickTest Window ▪ Mercury Tours Sample Web Site ▪ Optimizing Browser Setting for Your Testing ▪ Using the Mercury Tours Web Site for the First Time <p><u>Recording Tests</u></p> <ul style="list-style-type: none"> ▪ Preparing To Record a Test ▪ Recording a Test ▪ Analyzing The Test in the Keyword View

		<p><u>Running and Analyzing Tests</u></p> <ul style="list-style-type: none"> ▪ Running a Test ▪ Analyzing a Test <p><u>Creating Checkpoints</u></p> <ul style="list-style-type: none"> ▪ Understanding Checkpoint Types ▪ Checking Objects ▪ Checking Pages ▪ Checking Text ▪ Checking Tables ▪ Running and Analyzing a Test with Checkpoints <p><u>Parameterize Tests</u></p> <ul style="list-style-type: none"> ▪ Defining a Data Table Parameter ▪ Adding Parameter Values to a Data Tables ▪ Modifying Steps Affected by Parameterization ▪ Running and Analyzing a Parameter Test ▪ Creating Output Values <p><u>Creating an Output Values</u></p> <ul style="list-style-type: none"> ▪ Running and Analyzing a Test with Output Values <p><u>Using Regular Expression</u></p> <ul style="list-style-type: none"> ▪ Working with Regular Expression ▪ Running and Analyzing a Test with Regular Expression <p><u>Dividing Tests into Multiple Actions</u></p> <ul style="list-style-type: none"> ▪ Working with Multiple Actions ▪ Creating New Actions ▪ Recording the Test ▪ Dividing the Test into Two Actions ▪ Inserting a Call to a New Action ▪ Setting Actions as Reusable Actions ▪ Inserting Existing Actions ▪ Inserting Calls to action ▪ Inserting a Copy of an Action ▪ Parameterize an Action ▪ Running and Analyzing a Multi -Action Test
6	<p>MERCURY LOADRUNNER</p>	<p><u>Introducing LoadRunner</u></p> <ul style="list-style-type: none"> ▪ Why should you Automate Performance Testing ▪ What are the LoadRunner Components ▪ Understanding LoadRunner Terminology ▪ What is the Load Testing Process ▪ Getting Familiar with Mercury Tours ▪ Application Requirements <p><u>The Power of LoadRunner</u></p> <ul style="list-style-type: none"> ▪ Creating the Load Test ▪ Running the Load Test ▪ Monitoring the Load Test ▪ Analyzing Results <p><u>Building Scripts</u></p>

	<ul style="list-style-type: none">▪ Introducing the Virtual User Generation (VuGen)▪ How do I start recording user activities?▪ Using VuGen Wizard Mode?▪ How do I record business process to create scripts?▪ How to view the script? <p><u>Playing Back Your Scripts</u></p> <ul style="list-style-type: none">▪ How do I set the Run-time Behavior?▪ How do I watch my script running in Real Time?▪ When can I view the information about the replay?▪ How do I know if my Test Passed?▪ How do I search in or Filter results? <p><u>Solving Common Playback Problems</u></p> <ul style="list-style-type: none">▪ Preparing Mercury Tours For Playback Errors▪ How do I work with unique server values? <p><u>Preparing a Script for Load Testing</u></p> <ul style="list-style-type: none">▪ How do I measure business process?▪ How do I emulate Multiple Users?▪ How do I verify webpage content?▪ How can I Producing debugging Information?▪ Did my Test Successes? <p><u>Creating a Load Testing Scenario</u></p> <ul style="list-style-type: none">▪ Introducing the LoadRunner Controller▪ What mixture of users should be part of the load Test?▪ The Controller window at a Glance?▪ How do I generate heavy load?▪ How do I emulate real load behavior?▪ How do I emulate different types of users?▪ How do I monitor System under load? <p><u>Running the Load Test</u></p> <ul style="list-style-type: none">▪ The Controller view at a Glance▪ How do I run a load test scenario?▪ How do I monitor the application under load?▪ How do I watch a user running in real time?▪ Where can I view a summary user Actions?▪ How can I increase the load during the test?▪ How the Application is coping under load?▪ Did the Application Encounters Errors?▪ How do I know that has finished running?▪ Did the Application Perform well under load?▪ Which Goal type should I use?▪ How do I create a Goal Oriented Scenario?▪ The Controller Window at a Glance
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		<ul style="list-style-type: none">▪ How do I define the Goal?▪ How do I determine load behavior?▪ Which online Graphs should I monitor?▪ How do I run a Goal oriented scenario?▪ Did I achieve my Goal?▪ Analyzing Your Scenario
7	ORACLE SOLUTIONS FUNDAMENTALS	<ul style="list-style-type: none">▪ SQL * PLUS Basic▪ SQL * PLUS Advance▪ PL/SQL Basic▪ PL/SQL Advance▪ Active PERL Programming▪ Oracle Database Server Overview▪ Data Modeling Overview
8	ORACLE E-BUSINESS SUITE	<ul style="list-style-type: none">▪ Oracle Payables 11i Fundamentals▪ Oracle Receivables 11i Fundamentals▪ Oracle Purchasing 11i Fundamentals▪ Oracle Order Management 11i Fundamentals
9	CASE STUDY AND SAMPLE PROJECT #1 & # 2	<ul style="list-style-type: none">▪ Applicable only for Qualified Participants

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