

ADVANCED COMPUTER SCIENCE COURSE DESCRIPTIONS

Business Component Development with EJB Technology, Java EE 5:

The latest release of the Enterprise JavaBeans (EJB) 3.1 Technology available in the Java EE 6 platform builds on previous EJB technology and further simplifies how developers approach creating business components. EJB 3.1 makes many improvements that reflect common usage patterns, including: Singletons, No-interface view, Java Naming and Directory Interface (JNDI), Asynchronous Session Bean, and Timer Service.

The Business Component Development with Enterprise JavaBeans Technology, Java EE6 course provides students with the knowledge required to build robust back-end functionality using Enterprise JavaBeans (EJB[™]) version 3.1 technology. The course provides a practical exploration of the EJB technology coding experience of session beans and message driven-beans. The course also examines EJB design, best practices, transaction management, messaging fundamentals, and security.

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Developing Applications With the Java SE 6 Platform:

The Developing Applications With the Java SE Platform course provides students with practical experience in designing a vertical solution for a distributed, multi-tier application. The course takes students through the process of designing a multi-tier application in a case study approach – requirements gathering, analysis and design, and development of the key components of the application. Students will design the application with a Model-View-Controller (MVC) pattern, implement testing with JUnit, create a Graphical User Interface (GUI) that supports logging, implement database connections with JDBC, create both client and server components, implement threading to enabling scaling of your application and use Remote Method Invocation (RMI) to communicate between objects on your client and server components.

The course features the Java Platform, Standard Edition 6 (Java SE 6) technology and utilizes the Java SE Development Kit 6 (JDK 6) product. The students perform the course lab exercises using the NetBeans Integrated Development Environment (IDE).

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Developing Applications for the Java EE Platform:

The Developing Applications for the Java EE Platform course provides students with the knowledge to build and deploy enterprise applications that comply with Java Platform, Enterprise Edition 5 technology standards. The enterprise components presented in this course include Enterprise JavaBeans (EJB) technology, the Java Persistence API (JPA), servlets, and JavaServer Pages (JSP) technology, web services, and the Java technology clients that use them. Students gain hands-on experience through labs that build an end-to-end, distributed business application. The labs explore session EJB components, which implement the Session Facade pattern and provide a front-end to entity components using the Java persistence API. The labs also explore message-driven EJB components, which act as Java Message Service (JMS) consumers. Students use web and Java technology clients to access Java technology-based enterprise services using servlets and pages created with JSP technology. Students are taught how to assemble an application from reusable components and how to deploy an application into the Java EE platform runtime environment. The students perform the course lab exercises using the NetBeans(TM) Integrated Development Environment (IDE) 5.5.

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Developing Architectures for Enterprise Java Applications:

The Developing Architectures for Enterprise Java Applications course provides students with knowledge needed to develop robust architectures for enterprise Java applications using the Java Platform, Enterprise Edition (Java EE) technology. The Enterprise Java applications developed using the architecture as a guideline can accommodate rapid change and growth. By taking this course, participants gain an understanding of the technical context of the Java EE and relevant technologies, and strategies needed to create application blueprints that work well when implementing Java EE technologies. These strategies include effective decision making through the use of systemic qualities (such as scalability and flexibility), Java EE technology blueprints and design patterns.

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Developing JavaServer Faces Components with Ajax:

Developing JavaServer Faces Components with Ajax provides you with the skills necessary to build custom web tier components for the JavaServer Faces (JSF) framework that leverage Ajax techniques. The JSF framework is an extensible set of user interface components with an application programming interface (API) for dynamically managing application state, event handling, input validation, page navigation, as well as support for internationalization and accessibility. Ajax is an emerging web application development technique that leverages client-side JavaScript to provide a richer and more responsive user experience than can be achieved by server-side logic alone. The focus of this course is to show how you can incorporate Ajax technology in reusable JSF components using design techniques that complement both technologies.

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Dynamic Performance Tuning and Troubleshooting With DTrace:

The Troubleshooting to Improve Performance Using DTrace for Sys Admins course provides students with the ability to use DTrace to diagnose application and system problems.

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Fundamentals of the Java Programming Language, Java SE 6:

The Fundamentals of the Java Programming Language course was designed to enable students with little or no programming experience to begin to learn programming using the Java programming language. The course teaches the significance of object-oriented programming, the keywords and constructs of the Java programming language, and the steps required to create simple Java technology programs. Students taking this course can receive a solid basis in the Java programming language upon which to base continued work and training. The course features the Java Platform, Standard Edition 6 (Java SE 6) platform, and uses the Java SE Development Kit 6 (JDK 6) product.

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Introduction to Oracle9i: SQL

This class is applicable to Oracle9i and Oracle8i users. The class covers the concepts of both relational and object relational databases and the powerful SQL programming language.

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Java Programming Language, Java SE 6:

Learn the to develop applications using the Java Programming Language in this foundation course that covers the syntax of the Java language, objective-oriented programming, creating graphical user interfaces (GUIs), exceptions, file input/output (I/O), creating multi-threaded applications and networked applications. Practice your skills with labs that range from simple to complex with experienced instructors who answer your questions and guide your learning experience. Use this course to learn the language and prepare for the Oracle Certified Professional, Java SE 6 Programmer Exam!

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MySQL for Beginners:

Here is your chance to learn how this powerful relational database management system can make your life easier and more fun! This class covers all the basics and will get you on your way, with a solid foundation. This instructor led, hands-on class covers the fundamentals of SQL and relational databases, using MySQL[tm] as a teaching tool.

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MySQL for Database Administrators:

Is your MySQL database secure? Do your users have the correct privileges and access rights?

- Is your MySQL database operating at optimal efficiency? Do you want to increase the performance of your database and make sure it scales?
- Do you want to save time using features like Stored Procedures, Triggers and Views?
- Do you want to utilize the new enterprise features of MySQL 5.0?

Then MySQL for DBAs is the class for you! An Authorized MySQL instructor will teach you how to properly install MySQL, create and execute Backup Strategies, create secure Stored Procedures to update and access data and more!

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MySQL for Developers:

Do you want to learn how to develop database applications on MySQL?

- Do you need to use MySQL Stored Procedures, Triggers, Views, and Information Schema?
- Do you want to create complex reports, use complex queries to retrieve data and aggregate results?
- Do you want to transfer your data from one server to another?

Then MySQL for Developers is for you! With an Authorized MySQL instructor and hands-on exercises you will learn how to develop applications with all the new features of MySQL 5.0

This instructor-led course is designed for students planning on developing applications that make use of MySQL 5.0. This course covers essential SQL statements for data design, querying, and programming. In addition, it will prepare students for the MySQL Developer certification.

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Network Administration for the Solaris 10 Operating System:

The Network Administration for the Solaris 10 Operating System course provides students with the knowledge and skills necessary to perform network administration tasks, such as configuration and troubleshooting of a local area network (LAN). This course also provides hands-on experience with topics, such as Internet Protocol (IP) routing, Domain Name System (DNS), Dynamic Host Configuration Protocol (DHCP), IP version 6 (IPv6) and the Solaris IP Filter firewall.

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Object-Oriented Analysis and Design Using UML:

The Object-Oriented Analysis and Design Using UML course effectively combines instruction on the software development processes, object-oriented technologies, and the Unified Modeling Language (UML). This instructor-led course uses lecture, group discussion, and facilitator-led activities (such as analyzing stakeholder interviews) to present one practical, complete, object-oriented analysis and design (OOAD) roadmap from requirements gathering to system deployment.

Students are provided a pragmatic approach to object-oriented (OO) software development using a widely adopted methodology (the Unified Process), the 2.2 UML specification, and OO technologies, such as the Java(TM) programming language. This course progresses through: a primer on OO technology and software development methodologies, requirements gathering and analysis (including interviewing stakeholders), system architecture and design, implementation, testing, and deployment. The classroom lectures expose students to other proven OOAD practices, such as class-responsibility- collaboration (CRC) analysis (used to discover the Domain entities) and Robustness analysis (used to move from analysis to design).

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Oracle Application Server 10g R2: Administration I:

This course is for administrators who want to learn and expertise Oracle Application Server 10g Administration. This course teaches students to install and manage Oracle Application Server 10g(10.1.2.0.2). This course counts towards the Hands-on course requirement for the Oracle Application Server 10g Administrator Certification. Only instructor-led inclass or instructor-led online formats of this course will meet the Certification Hands-on Requirement.

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Oracle Data Modeling and Relational Database Design:

This course covers the various models at different stages of the development lifecycle. Learn how to create a Logical Model using the Entity Relationship Diagram (ERD) and Data Flow Diagram (DFD) and then engineer the model to a Relational Model. Learn how to add physical components to the Physical Model and then generate the DDL. In addition, discussions on what is required to make modifications to an existing design or schema are also covered. Use Oracle SQL Developer Data Modeler to document the models developed.

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Oracle Database 10g: 2 Day DBA:

The course teaches Database Administrators how to install the Oracle Database 10g Release 2 software and perform the tasks required to manage an Oracle database. This course is targeted towards Database Administrators of small to medium sized businesses.

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Oracle Database 10g: Administration Workshop I:

This course is your first step towards success as an Oracle professional, designed to give you a firm foundation in basic database administration. In this class, you will learn about the architecture and how its components work and interact with one another and also how to install and maintain an Oracle database.

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Oracle Database 10g: Administration Workshop II:

Reduce downtime, increase security and improve the performance of Oracle Database by taking the Administration Workshop II course. This class equips you with the expertise to efficiently administer the database and move data from one database to another. The included hands-on practices and workshops reinforce the in-class training and ensure competency in this field.

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Oracle Database 10g: Advanced PL/SQL:

This class is applicable to Oracle8i, Oracle9i and Oracle Database 10g users.

In this course, students learn how to use the advanced features of PL/SQL in order to design and tune PL/SQL to interface with the database and other applications in the most efficient manner. Using advanced features of program design, packages, cursors, extended interface methods, and collections, students learn how to write powerful PL/SQL programs. Programming efficiency, use of external C and Java routines, PL/SQL server pages, and fine-grained access are covered.

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Oracle Database 10g: Implement and Administer a Data Warehouse:

This course is intended for database administrators, system administrators, and database application developers who design, maintain, and use data warehouses. Before attending this course, you should be familiar with relational database concepts, basic data warehouse theory, Oracle server concepts including application and server tuning, and the operating system environment under which you are running the Oracle Database Server.

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Oracle Database 10g: Introduction to SQL:

This course introduces Oracle Database 10g technology and the relational database concepts and the powerful SQL programming language. This course provides the learners with the essential SQL skills of querying the database, the meta data and creating database objects. In addition, this course provides the learners with the advanced SQL skills of querying and reporting.

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Oracle Database 10g: Performance Tuning:

Ensure success by maximizing productivity, reducing wait times and enhancing the performance of your database with Oracle University's 10g Performance Tuning course. Database performance tuning is critical to any effective information system. This course introduces students to the Oracle Database 10g performance tuning related tasks.

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Oracle Database 10g: Program with PL/SQL:

This course introduces students to PL/SQL and helps them to appreciate the advantages this powerful programming language. Students learn to develop stored procedures, functions, packages and database triggers. Students will also learn to manage PL/SQL program units manage dependencies, manipulate large objects, and use some of the Oracle-supplied packages.

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Oracle Database 10g: SQL Tuning Workshop:

This course is designed to give the experienced SQL Developer or DBA a firm foundation in SQL tuning techniques. The participant learns the necessary knowledge and skills to effectively tune SQL in the Oracle Database 10g Release 1. They learn about tuning methodology as well proactive tuning and reactive tuning methods.

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Oracle Database 11g Use XML DB:

Learn Oracle XML DB. Learn to store, query, generate, manipulate, and manage XML data in Oracle Database 11g. Also learn to use XML technology with PL/SQL for application development.

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Oracle Database 11g: 2 Day DBA:

This course helps participants to understand Oracle Database 11g concepts. The course teaches how to perform all common administration tasks needed to keep the database operational, including how to perform basic troubleshooting and performance monitoring activities. This course is targeted towards Database Administrators of small to medium sized businesses. This course covers the key features and enhancements of both Oracle Database 11g Release 1 & Release 2

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Oracle Database 11g: Administration Workshop I:

Learn to administer Oracle Database 11g by taking this course. This course is your first step towards success as an Oracle professional, designed to give you a firm foundation in basic database administration.

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Oracle Database 11g: Administration Workshop II:

This course takes the database administrator beyond the basic tasks covered as part of the Oracle Database 11g: Administration Workshop I course. In this course, students gain a much deeper understanding of possibly the most important job of a DBA, such as backup and recovery, tuning, scheduling jobs, controlling and managing resources such as memory.

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Oracle Database 11g: Advanced PL/SQL:

Design and tune PL/SQL to interface with the database and other applications efficiently by learning the advanced features of PL/SQL.

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Oracle Database 11g: Implement and Administer a Data Warehouse:

In this course, students review the basic concepts of a data warehouse and learn how to improve performance and manageability in a data warehouse using various Oracle Database features.

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Oracle Database 11g: Introduction to SQL:

In this course students learn the concepts of relational databases and the SQL programming language. This course provides the essential SQL skills that allow developers to write queries against single and multiple tables, manipulate data in tables, and create database objects.

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Oracle Database 11g: New Features for Administrators:

Learn about and practice the new change-management features and other key enhancements in Oracle Database 11g Release 1 by taking this course.

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Oracle Database 11g: Performance Tuning:

This is an advanced course building on the introduction to Performance Tuning provided in the Administration Workshop I and II courses. Students learn how to use Oracle Database 11g automatic tuning features.

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Oracle Database 11g: Program with PL/SQL:

Learn to create and execute PL/SQL blocks of application code to integrate SQL with the programming constructs. Learn to develop stored procedures, functions, packages, and database triggers. Also learn to manage PL/SQL program units, manage dependencies, and use some of the Oracle-supplied packages.

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Oracle Database 11g: SQL Tuning Workshop:

Learn to tune SQL statements. This course assists database developers in identifying SQL statements that need tuning and explains how to tune the SQL statements.

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Oracle Enterprise Manager 10g Grid Control:

Learn the features of Grid Control 10.2.0.4 by taking this course. In this course, students learn about the Grid Control framework features, and learn to monitor, manage and perform administration tasks on Oracle Database 11g and Oracle WebLogic Server targets. Students also learn to use Grid Control to automate the software lifecycle management in your enterprise. This course also provides an introduction to Management Plug-ins and Connectors.

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Oracle Forms Developer 10g: Build Internet Applications:

Oracle Forms Developer 10g (10.1.2.0.2) provides a productive development environment for building enterprise-class, scalable database applications for the Internet. Participants learn to debug and deploy the application with Oracle Forms Services. The hands on exercises help you to eliminate the gap between technical training and real-world implementation.

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Oracle Reports Developer 10g: Build Reports:

Learn to build complex and sophisticated reports from any data source, in any format, using Oracle Reports Developer (9.0.4.0.1). In this course, participants also learn to deploy the reports using OracleAS Reports Services.

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Oracle SOA Suite 10g: SOA Essentials:

If you are a Business Manager who needs to make strategic decisions for your SOA (Service-Oriented Architecture) applications or if you are a SOA Developer working on certain components of the Oracle SOA Suite 10g (10.1.3.1.0) and need to gain an overall understanding of the other components of the suite along with quick hands-on experience, then the Oracle SOA Suite 10g: SOA Essentials course is developed for you. This course provides an excellent introduction to implementing SOA using Enterprise Service Bus (ESB), Business Process Execution Language (BPEL) by using Oracle SOA Suite 10g (10.1.3.1.0).

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Oracle Spatial: Essentials:

This course offers the participants an introduction to Oracle Spatial technology. Students learn about the fundamentals of modeling, storing, and querying spatial data.

The Oracle Spatial: Essentials course is applicable to both 10g and 11g audiences.

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Oracle Warehouse Builder 10g: Implementation Part 1:

Students learn how to implement a data warehousing solution using Oracle Warehouse Builder. Oracle Warehouse Builder is a single, comprehensive tool that provides data quality, data auditing, fully integrated relational and dimensional modeling, and full life cycle management of data and metadata.

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Oracle Warehouse Builder 10g: Implementation Part II:

In this 2-day hands-on course, students engage in in-depth activity with multidimensional deployment and loading using Oracle Warehouse Builder. Students also learn aspects of managing their data warehouse.

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Oracle WebLogic Server 10g R3: Advanced System Administration:

This course trains senior system administrators and senior data center personnel on advanced topics surrounding the monitoring and maintenance of BEA WebLogic Server 10g R3. It teaches the student how to use command-line utilities to monitor, maintain, and optimize Oracle WebLogic Server 10g R3 domains. The student will also be able to create advanced security and messaging configurations.

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Oracle9i DBA Fundamentals I:

This course will cover Oracle9i and Oracle9i Release 2 features. Oracle DBAs manage the industries most advanced information systems and command some of the highest salaries.

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Oracle9i Database Administration Fundamentals II:

Develop your ability to manage the industry's most advanced information system. Learn several methods to backup and to recover your Oracle database. Simplify your duties with Oracle Recovery Manager. This course gives the Oracle database administrator (DBA) a firm foundation in Oracle Net administration and backup and recovery operations.

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Oracle9i Database Performance Tuning:

Database performance tuning is critical to any effective information system. Reducing wait times, increasing users' productivity and maximizing the performance of your Oracle database are critical to success.

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OracleAS Portal 10g: Build Corporate Portals:

OracleAS Portal (10.1.4.1.0), an Oracle Fusion Middleware product, incorporates a portal building framework with self-service publishing features to enable you to create and manage information accessed within your portal. In this course, you learn to use the rich, declarative environment of OracleAS Portal to build enterprise, or corporate portals.

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Organization, Planning & Architectural Considerations for SOA:

This course trains students on the key concepts and issues associated with the adoption of SOA. Students will be introduced to both the business and IT aspects of SOA program planning and governance concerns, as well as an SOA Enterprise Reference Architecture.

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S New Features in the Java EE 5 Platform:

The New Features of the Java EE 5 Platform course provides students with information about the new features and updates of the Java EE 5 SDK directly from the source, Sun engineers and experts. Learn about the new Java Persistence API and about creating enterprise applications with Enterprise JavaBeans 3.0, a simpler technology using Plain Old Java Objects (POJOs). Learn about developing portable, robust, scalable and secure server-side Java applications. Topics include: Java Persistence, Web Services, Web Tier and JavaServer Faces, Java Blueprints for Ajax-Enabled Web 2.0 Applications, Project GlassFish and the NetBeans IDE.

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S New Features of the Java SE 6 Platform:

The New Features of the Java SE 6 Platform course provides students with information on how to program applications with Java technology using the new features of the Java Platform, Standard Edition 6 (Java SE 6). Java SE 6 has many new features, enhancements, and improvements, such as better GUI performance and better handling of the behavior of GUI applications, plus improvements and new features in server-side core and Java core. In this course, students learn the enhancements and new features of Java SE 6 in the areas of production time instrumentation, monitoring, and management, diagnosability, web services, scripting language support, networking, desktop client programming, support for annotations, and security.

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S The JavaScript Language and Ajax for Java Developers:

JavaScript is the de facto programming language for developing browser-based web applications that provide the rich functionality traditionally associate with desktop applications (commonly referred to as Web 2.0 applications). This class explains the JavaScript language in terms familiar to a Java Technology Developer, or a developer familiar with other object-oriented languages, such as C++. Additionally, you will learn tips and tricks for developing web applications that leverage best practices for using client-side JavaScript, and especially the Ajax technique, to provide a richer and more responsive user experience than can be achieved by server-side logic alone.

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SOA: Architectural Concepts and Design Principles:

This course covers the key concepts and issues associated with the adoption of a service-oriented architecture, including SOA principles, service design and infrastructure. It will explore the definitions and principles of each type of fundamental shared service to include presentation, business, and data services. Additionally, the course explores SOA runtime governance, service bus, service registry, security and service monitoring issues.

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Solaris 10 Features for Experienced System Administrators:

The highly versatile Solaris 10 Operating System offers a great balance of new and unique features that support a wide variety of Sun's hardware. The Solaris 10 Features for Experienced System Administrators course guides you through an in-depth exploration of the robust functionality found in Sun's flagship operating system. You will be instructed in how to set up, configure, and administer some of the most distinctive Solaris features including: Solaris Zones, ZFS, NFS, DTrace, Predictive Self-Healing, Security and Operating System Installation.

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Solaris 10 Operating System Essentials:

The Solaris 10 Operating System Essentials course provides instruction in the key features and capabilities of Sun's flagship Solaris 10 OS. Topics include file and directory management, controlling the user work environment, archiving files and using remote commands. In addition, this course explains fundamental command-line features of the Solaris OS, including file system navigation, the vi text editor, file permissions, access control lists (ACLs), command shells, file compression, basic network use, and reading shell scripts. This course prepares students to take the Sun Certified Solaris Associate (SCSAS) Exam.

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Solaris System Performance Management:

The Solaris System Performance Management course introduces students to performance tuning principles, monitoring utilities and tuning tools for the Solaris Operating System (Solaris OS). The presentation includes a review of Solaris subsystems and the utilities provided to monitor system efficiency including kstat, sar, vmstat, iostat, netstat, mpstat, nfsstat, ps, prstat, pmap, the proc tools, truss, dtrace, the dtrace toolkit, cpustat, cputrack, busstat, swap, lockstat, and mdb. This revision also includes a section on resource management using zones and pools. The course format is divided into three major sections: tools, OS theory, and strategy and actions. Solaris System Performance Management course includes lab exercises to reinforce skills development. The Labs will be of two types: 1. Learning and practice using the monitoring and configuration tools. 2. Problem solving labs where the student will have to determine the cause of a performance problem, or figure out a way to measure or load a subsystem. These labs will not have answers provided to the students.

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Sun OpenOffice.org Calc Specialist:

Students taking the Sun OpenOffice.org Calc Specialist classroom course will gain the basic skills to enter data, create formulas and calculations, and insert chart objects to create and print spreadsheets. Using a variety of interactive demos and practice activities, the student learns how to group and filter data, and use ranges, headers and footers, and other moderately advanced topics. The course addresses the OpenOffice.org Specialist skill set. The OpenOffice.org Specialist course is for individuals who use the OpenOffice.org productivity software. Certification candidates must pass one of the Sun OpenOffice.org Certification exams in order to earn their Specialist Certification.

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Sun OpenOffice.org Impress Specialist:

Students taking the Sun OpenOffice.org Impress Specialist classroom course will gain the basic skills to learn how to apply formatting and styles, design master slides, and create animations and slide transitions to build professional presentations. The course addresses the OpenOffice.org Specialist skill set. The OpenOffice.org Specialist course is for individuals who use the OpenOffice.org productivity software. Certification candidates must pass one of the Sun OpenOffice.org Certification exams in order to earn their Specialist Certification.

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Sun OpenOffice.org Writer Specialist:

Students taking the Sun OpenOffice.org Writer Specialist classroom course will gain the basic skills to create a wide range of standardized business documents. Using a variety of interactive demos and practice activities, the student learns how to work with documents and text, how to use formatting and styles, how to create and use templates, and how to insert tables and objects. The course also covers moderately advanced topics like using master documents, fields, and outlining to efficiently master your text processing needs. The course addresses the OpenOffice.org Specialist skill set. The OpenOffice.org Specialist course is for individuals who use the OpenOffice.org productivity software. Certification candidates must pass one of the Sun OpenOffice.org Certification exams in order to earn their Specialist Certification.

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Sun Systems Fault Analysis Workshop:

The Sun Systems Fault Analysis Workshop teaches system administrators and field engineers how to analyze faults, perform diagnostics analysis, and use Sun's Predictive Self-Healing technology and DTrace toolkit for the SPARC-based and x86-based Solaris computing environments. These skills directly translate to higher availability levels and increased uptime of the Solaris Operating System (Solaris OS). The course provides instruction in the use of a fault analysis method, platform-based diagnostic tools, and the fault isolation capabilities of the Service Management Facility and Fault Management Architecture as well as providing hands-on fault isolation practice in the workshop.

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System Administration for the Solaris 10 OS Part 1:

The System Administration for the Solaris 10 Operating System, Part 1 course gets you further engaged with the most efficient, secure, and reliable operating system ever built. This course gives you direct experience with the most essential system administration tasks in the Solaris 10 OS. You will be instructed in crucial system management skills including: managing local disk devices, managing UFS and ZFS file systems, installing and removing Solaris packages and patches, performing system boot procedures and system processes. This course is the first of a two-part series that helps you to prepare for Part I of the Oracle Certified Professional: Oracle Solaris 10 System Administrator examination.

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System Administration for the Solaris 10 OS Part 2:

System Administration for the Solaris 10 Operating System, Part 2 course expands your mastery of the most advanced operating system on the planet: Solaris 10. This course provides students with hands-on experience working with more complex and integrated administration concepts, and builds upon the Part 1 course. Students will be instructed in essential system administration skills including: configuring network interfaces, managing swap configurations, crash dumps, and core files. The course also covers configuring NFS and AutoFS as well as system messaging, managing storage volumes and ZFS file systems, and setting up naming services and managing Solaris Zones. This course helps you to prepare for Part II of the Sun System Administration certification exam.

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Web Component Development with Servlets & JSPs, Java EE 5:

JavaServer Pages (JSP page) technology and servlets are the key web-tier technologies defined in the Java Platform, Enterprise Edition (Java EE platform). The Web Component Development With Servlet and JSP Technologies course provides experienced developers of Java technology applications the knowledge and skills to quickly build web applications from JSP page and servlet technologies using the Sun Java System Application Server, and the Apache Struts framework. Students are exposed to the current methods for analyzing, designing, developing, and deploying web applications with Java technologies. Lab exercises provide students with experience in constructing and deploying the small-to-medium scale web applications found in intranet and low-volume commercial sites. The course features the Java EE 5 technology, and uses the Java EE 5 SDK. The students perform the lab exercises using the NetBeans Integrated Development Environment (IDE). This course is also a recommended method for preparing for the Oracle Certified Professional, Java EE 5 Web Component Developer certification examination.

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