

## 2210 Data Management (DATAMGT)

Army eLearning (<https://usarmy.skillport.com>) offered courses

### Project Management for IT Professionals

- *Introduction to IT Project Management*
- *Functions of IT Project Managers*
- *The Life Cycle of an IT Project*
- *Managing the Execution and Control of IT Projects*
- *Managing Efficiencies of IT Projects*

### Strategic Project Management for IT Projects

- *Strategic Planning and Positioning for IT Projects*
- *Strategic Approaches to Managing IT Projects*
- *Estimating the IT Project Work Effort*
- *IT Project Leadership, Authority & Accountability*
- *Managing Multiple IT Projects*
- *Cost Management and IT Project Trade-offs*

### Database Design

- *An Overview of Database Design*
- *The Database Design Methodology*

### Database Fundamentals

- *An Introduction to Database Systems*
- *Relational Databases*
- *Database Data Management*
- *Systems Analysis Fundamentals*
- *Data Flow Diagrams*
- *Entity Relationship Diagrams*
- *Data Dictionaries*
- *Completing the Logical Model*
- *Relational Principles*
- *Database Fundamentals*
- *Fundamentals of Database Design*
- *Normalization and Physical Database Design*
- *Database Management*
- *Web and Database Integration*
- *Database Technologies – Object-Relational DBMSs: Characteristics*
- *Database Technologies – Object-Relational DBMSs: Mechanisms and Implementation*
- *Database Technologies – Data Warehousing: Fundamentals*
- *Database Technologies – Data warehousing: Building, Using, and Managing*
- *SQL Programming: Database Queries*
- *SQL Programming: Data Handling Techniques*

### Oracle9i Database Fundamentals: Architecture and Management

- *Architecture and Administration Tools in Oracle9i*
- *Database and Instance Management in Oracle9i*
- *Database Structures in Oracle9i*

### Oracle 9i Database Fundamentals: Backup and Recovery

- *Backup and Recovery Overview and Configuration in Oracle9i*
- *User-Managed and RMAN Backup and Recovery in Oracle9i*
- *Recovery Manager Maintenance in Oracle9i*
- *Transporting and Loading Data in Oracle9i*

### Oracle9i Database Fundamentals: Managing Data Storage

- *Data Storage in Oracle9i*
- *Tables and Indexes in Oracle9i*
- *Data Integrity in Oracle9i*

#### Oracle9i Database Fundamentals: Managing Database Access

- *Users and Profiles in Oracle9i*
- *Privileges and Roles in Oracle9i*
- *Globalization and Auditing in Oracle9i*

#### Oracle9i Database Fundamentals: Network Administration

- *Networking Overview for Oracle9i Administrators*
- *Oracle Network Configuration in Oracle9i*

#### Oracle 9i Database: Introduction to SQL

- *Introduction to Oracle and SQL in Oracle9i*
- *SQL Functions in Oracle9i*
- *Subqueries, Reporting, and User-Access Control in Oracle9i*
- *Defining and Manipulating Data in Oracle9i*

#### Oracle9i Database: New Features I

- *Introducing Oracle9i Database*
- *Manageability Enhancements in Oracle9i*

#### Oracle9i Database: New Features II

- *Availability Features in Oracle9i*
- *Scalability and Performance in Oracle9i*
- *Development Platform in Oracle9i*
- *Security Overview for Oracle9i Administrators*

#### Oracle9i Database: Performance Tuning

- *Performance Tuning Methodology and Tools in Oracle9i*
- *Tuning Memory Structures in Oracle9i*
- *Tuning Database Structures in Oracle9i*
- *Tuning Systems and Applications in Oracle9i*

#### Microsoft SQL Server 2000 Database Administration I

- *Overview of SQL Server 2000*
- *Installing, Configuring, and Upgrading SQL Server 2000*

#### Microsoft SQL Server 2000 Database Administration II

- *SQL Server 2000 Databases*
- *Transferring and Transforming Data in SQL Server 2000*
- *Security in Microsoft SQL Server 2000 Environment*
- *Managing SQL Server 2000 Databases*

#### Microsoft SQL Server 2000 Database Administration III

- *Backing Up SQL Server 2000 Databases*
- *Restoring SQL Server 2000 Databases*
- *SQL Server 2000 Replication*
- *Monitoring SQL Server 2000 Performance*
- *SQL Server 2000 High Availability*
- *SQL Server 2000, XML, and the Web*

#### Microsoft SQL Server 2000 Database Implementation

- *Overview of SQL Server 2000*
- *SQL Server 2000 Databases*
- *Designing and Implementing Security in SQL Server 2000*
- *The SQL Server 2000 Logical Data Model*
- *Using T-SQL Server 2000*

- *SQL Server 2000 Indexes*
- *SQL Server 2000 Programming Business Logic*
- *SQL Server 2000 Transactions and Distributed Data*
- *Analyzing and Optimizing SQL Server 2000 Queries*
- *Transferring and Transforming Data in SQL Server 2000*
- *SQL Server 2000, XML, and the Web*

## Net Safety

- *Network Security Issues*

## Information System Security

- *Security Management and Operations Security Practices*
- *Access Control and Physical Security*
- *Cryptography and Network Security*
- *Security Architecture and Applications Security*
- *Business Continuity Planning, Law, and Ethics*

## Oracle Database 10g: Administration Workshop I

- *Oracle Database 10g: Installing Oracle Database 10g*
- *Oracle Database 10g: Creating Databases*
- *Oracle Database 10g: Database Interfaces*
- *Oracle Database 10g: Database Control and Storage Structures*
- *Oracle Database 10g: Users and Security*
- *Oracle Database 10g: Managing Schema Objects and Data*
- *Oracle Database 10g: The SQL\* Loader and PL/SQL*
- *Oracle Database 10g: Oracle Net Services and Shared Servers*
- *Oracle Database 10g: Monitoring and Maintenance*
- *Oracle Database 10g: Managing Undo Data and Lock Conflicts*
- *Oracle Database 10g: Managing Backup and Recovery*

## Oracle Database 10g: Administration Workshop II

- *Using Flashback Technology in Oracle 10g*
- *Performing and Managing Backups in Oracle 10g*
- *Advanced Database Recovery and Repair in Oracle 10g*
- *Controlling the Oracle Listener and Enabling Distributed Transactions in Oracle 10g*
- *Using Globalization Support in Oracle 10g*
- *Optimizing Database Performance in Oracle 10g*
- *Managing Storage and System Resources in Oracle 10g*
- *Using the Scheduler to Automate Tasks in Oracle 10g*
- *Using Advanced Features in Oracle 10g*

## Oracle Database 11g: New Features For Administrators

- *Oracle Database 11g: Installation and Upgrade Enhancements*
- *Oracle Database 11g: Storage Enhancements*
- *Oracle Database 11g: Change Management Overview and SQL Plan Management*
- *Oracle Database 11g: Database Replay and Automatic SQL Tuning*
- *Oracle Database 11g: Intelligent Infrastructure Enhancements*
- *Oracle Database 11g: Performance Enhancements*
- *Oracle Database 11g: Partitioning and Storage-Related Enhancements*
- *Oracle Database 11g: Using RMAN Enhancements, Flashback and LogMiner*
- *Oracle Database 11g: Diagnostic Enhancements and Using the Data Recovery Advisor*
- *Oracle Database 11g: New Security Features*
- *Oracle Database 11g: Secure Files and Miscellaneous New Features*

## Oracle Database 11g: Administration Workshop I

- *Oracle Database 11g: Database Architecture and Installation*
- *Oracle Database 11g: Database Creation, Instance Management, and Connectivity*
- *Oracle Database 11g: Storage Structures and User Security*
- *Oracle Database 11g: Managing the Schema, Data, and Concurrency*
- *Oracle Database 11g: Managing Undo Data, Database Security, and Maintenance*
- *Oracle Database 11g: Performance Monitoring, Recovery Concepts and Backup*
- *Oracle Database 11g: Recovering, Moving, and Enhancing the Oracle Database*

#### Oracle Database 11g: Administration Workshop II

- *Oracle Database 11g: Database Architecture and ASM*
- *Oracle Database 11g: Configuring for Recovery*
- *Oracle Database 11g: Configuring for Backups*
- *Oracle Database 11g: Using RMAN for Recovery*
- *Oracle Database 11g: Supporting RMAN and Using Flashback Technology*
- *Oracle Database 11g: Diagnosing the Database and Managing Memory*
- *Oracle Database 11g: Database Performance and Space Management*
- *Oracle Database 11g: Managing Resources and Task Automation*
- *Oracle Database 11g: Globalization*

#### Oracle Database 11g: SQL and PL/SQL New Features

- *Oracle Database 11g: Getting Started with SQL and PL/SQL New Features*
- *Oracle Database 11g: Using Dynamic SQL and Implementing Performance Improvements*
- *Oracle Database 11g: Using Trigger, Data Warehousing, and Pivoting Enhancements*
- *Oracle Database 11g: Using the PL/SQL Debugger, Collections, and Data Warehousing*

#### Oracle Database 11g: SQL Fundamentals I

- *Oracle Database 11g: Using SQL to Query Your Database*
- *Oracle Database 11g: Conversion Functions, Group Functions, and Joins*
- *Oracle Database 11g: Subqueries, Set Operators, and Data Manipulation*
- *Oracle Database 11g: Using DDL, Views, Sequences, Indexes, and Synonyms*

#### Oracle Database 11g: SQL Fundamentals II

- *Oracle Database 11g: Controlling User Access and Managing Schema Objects*
- *Oracle Database 11g: Data Dictionary Views and Large Data Sets*
- *Oracle Database 11g: Managing Data in Different Time Zones*
- *Oracle Database 11g: Using Subqueries and Regular Expressions*

#### Oracle Database 11g: PL/SQL Fundamentals

- *Oracle Database 11g: PL/SQL Variables, Attributes, and Executable Statements*
- *Oracle Database 11g: Using DML, DDL, Cursors, Control Structures, and Loops*
- *Oracle Database 11g: Using Data Types, INDEX BY Tables, and Cursors in PL/SQL*
- *Oracle Database 11g: Working with Exceptions, Subprograms, JDeveloper, and REF Cursors*

#### Oracle Database 11g: Introduction to SQL

- *Oracle Database 11g: Querying a Database with SQL*
- *Oracle Database 11g: Conversion Functions, Conditional Expressions, Group Functions, and Joins*
- *Oracle Database 11g: Manipulating Queries and Data*
- *Oracle Database 11g: Using DDL, Views, and Schema Objects*
- *Oracle Database 11g: Controlling User Access and Managing Objects*
- *Oracle Database 11g: Managing Data Dictionary Views and Large Data Sets*
- *Oracle Database 11g: Managing Time Zones and Datetime Functions*
- *Oracle Database 11g: Subqueries and Regular Expressions*

#### Oracle Database 11g: Program with PL/SQL

- *Oracle Database 11g: Getting Started With PL/SQL*
- *Oracle Database 11g: Using DML, DDL, Cursors, Loops, and Control Structures*
- *Oracle Database 11g: Using Data Types, INDEX BY Tables, and Cursors*

- *Oracle Database 11g: Using Exceptions, Subprograms, JDeveloper, and REF Cursors*
- *Oracle Database 11g: Subprograms, Packages, and Exception Handling*
- *Oracle Database 11g: Packages, Dynamic SQL, and Coding Considerations*
- *Oracle Database 11g: Using Triggers and the PL/SQL Compiler*
- *Oracle Database 11g: PL/SQL Code and Dependency Management*

#### Oracle 11i E-Business Suite: Essentials for Implementers

- *Oracle 11i E-Business Suite: Introduction*
- *Oracle 11i E-Business Suite: Multi-Org*
- *Oracle 11i E-Business Suite: Flexfields*
- *Oracle 11i E-Business Suite: System Administration*
- *Oracle 11i E-Business Suite: Workflow, Alerts, and Daily Business Intelligence*

#### Oracle 11i E-Business Suite: System Administrator Fundamentals

- *Oracle 11i: Function Security and Data Security*
- *Oracle 11i: Roles, Delegated Administration, Registration, and Auditing*
- *Oracle 11i: Concurrent Elements*
- *Oracle 11i: Profile Options, DBA Duties, and Printer Management*
- *Oracle 11i: Personalization of Forms and OA Framework Pages*
- *Oracle 11i: Oracle Workflow*
- *Oracle 11i: System Monitoring and Troubleshooting in OAM*

#### Oracle 11i: Project Foundation Fundamentals

- *Oracle 11i: Project Management and Projects Integration*
- *Oracle 11i: Organization, Period, and Calendar Definitions in Oracle Projects*
- *Oracle 11i: Resource and Role Management*
- *Oracle 11i: Oracle Projects Security Model and Page Layouts*
- *Oracle 11i: Oracle Projects and Task Definition I*
- *Oracle 11i: Oracle Projects and Task Definition II*
- *Oracle 11i: User-Defined Attributes, Implementation Options, and Utilization*
- *Oracle 11i: Organization Forecasting and Integration*

#### Oracle 11i: Navigate Oracle Applications

- *Oracle 11i: Using the Navigator, Forms, and Online Help*
- *Oracle 11i: Concurrent Processing, Requests, Profiles, and Forms*

#### **To Register for Army eLearning and courses:**

1. Log onto AKO: <https://www.us.army.mil>
2. Click on My Education (under Self-Service).
3. Click on the Access the Army e-Learning Portal Page link.
4. Click on the New User Link.
5. Choose "Register for the Army e-Learning Program" on the left side menu
6. On the next page: Enter your AKO User Name and AKO password, and click on submit.
7. Complete every block on the registration form and click on Submit at the bottom of the page.
8. Once the system accepts your registration you will receive two emails in your AKO email account. One email has your e-Learning logon id (AKO User Name) and the address you will use to log onto the e-Learning Program, and the second email will contain your password.
9. When you logon to e-Learning click on the folder of the courses you are interested in taking or type in the course number/course title in the Search For block. Once you get to the course title, click Play Course.