Course Title: Microsoft Certified ITP Database Administrator

Course Description:
Prepare for MCITP Database Admin certification exams.

Course Prerequisite(s):
Database Fundamentals, SQL Server 2008 Essentials, SQL Programming, or equivalent experience.

Course Objectives:
Demonstrate preparedness for Microsoft 70-432, 70-450 exams.

Next Class Possibilities:
Data Modeling

Textbook(s):
70-432: MS SQL Server 2008, Implementation and Maintenance (with online labs)
Publisher: Microsoft; ISBN: 978-11181555929

70-450/70-443: MS SQL Server 2008; Design, Optimize & Maintain DB Admin (with online labs)
Publisher: Microsoft; ISBN: 978-1118305614

Lesson Plan – by week or session
Session 1: Introduction
Install SQL Server
Navigating SQL Server
Session 2: Data Types
Databases
Tables
Session 3: Views
Constraints
Stored Procedures
Session 4: Functions
Service Broker
Data Integrity
Session 5: Permissions
Logins and Roles
Additional Security Tools
Session 6: Backing Up and Restoring Databases
Endpoints
Linking Server
Session 7: Triggers
Replication
Indexes
Session 8: Transactions and Locks
Moving Data
Speciality Data

Session 9: High-Availability Methods
Maintaining SQL Server
Monitoring and Optimizing SQL Server

Session 10: SQL Server Management Tools
Troubleshooting Techniques