Course Title: MCSE 70-414 Implementing an Advanced Server Infrastructure

Course Description:
In this course, students will learn how to plan and implement some of the more advanced features available in Windows Server 2012.

Course Prerequisite(s):
MCSE 70-413 Designing and Implementing a Server Infrastructure

Course Objectives:
This course is intended for Information Technology (IT) professionals who are responsible for planning, designing and deploying a physical and logical Windows Server 2012 enterprise and Active Directory Domain Services (AD DS) infrastructures including the network services. Candidates would typically have experience of previous Windows Server operating systems and have Windows Server 2012 certification (MCSA) or equivalent skills. The secondary audience for this course will be candidates are IT professionals who are looking to take the exam 70-414: Implementing an Advanced Enterprise Server Infrastructure, as a standalone, or as part of the requirement for the MCSE certification.

Textbook(s):
MOAC 70-414 with Online Lab Set
Wiley

Lesson Plan – by week or session
Session 1: Planning and Implementing a Server Virtualization Strategy
Session 2: Planning and Implementing Networks and Storage for Virtualization
Session 3: Planning and Implementing a Virtual Machine Deployment and Management Strategy
Session 4: Planning and Implementing a Virtualization Administration Solution
Session 5: Planning and Implementing a Server Monitoring Strategy
Session 6: Planning and Implementing High Availability for File Services and Applications
Session 7: Planning and Implementing a Highly Available Infrastructure Using Failover Clustering
Session 8: Planning and Implementing a Server Updates Infrastructure
Session 9: Planning and Implementing a Business Continuity Strategy
Planning and Implementing a Public Key Infrastructure
Session 10: Planning and Implementing an Identity Federation Infrastructure
Planning and Implementing an Information Rights Management Infrastructure