This course supports the assessments for Enterprise Administration. The course covers 5 competencies and represents 6 competency units.

Introduction

Overview
Welcome to Enterprise Administration! This exam has been developed by Western Governors University; the material provided will give you the knowledge you need to administer enterprise computing environments. You will learn about network infrastructure design, directory services, identity management and authentication, and the importance of security policies.

Watch the following video for an introduction to this course:

Note: To download this video, right-click the following link and choose "Save as...": download video.

Competencies
This course provides guidance to help you demonstrate the following 5 competencies:

- Competency 445.1.1: Application Services
  The graduate develops enterprise network plans for application services including name resolution and Internet Protocol (IP) addressing, application delivery, and Terminal Services.

- Competency 445.1.2: Access Design
  The graduate develops enterprise network access designs including network access policies, remote access strategies, domain/server isolation, and perimeter networks.

- Competency 445.1.3: Access Management Design
  The graduate develops access management component designs for an enterprise network including enterprise-level group policy strategies and core identity designs.

- Competency 445.1.4: Support Identity Design
  The graduate develops support identity designs for an enterprise network including migrations, upgrades, restructuring, interoperability, public key infrastructures (PKI), and branch office deployments.

- Competency 445.1.5: Data Availability Design
  The graduate designs data availability for an enterprise network including software updates, compliance management, operating system virtualization, data management, data access, and business continuity.

Course Instructor Assistance
As you prepare to successfully demonstrate competency in this subject, remember that course instructors stand ready to help you reach your educational goals. As subject matter experts, mentors enjoy and take pride in helping students become reflective learners, problem solvers, and critical thinkers. Course instructors are excited to hear from you and eager to work with you.
Successful students report that working with a course instructor is the key to their success. Course instructors are able to share tips on approaches, tools, and skills that can help you apply the content you’re studying. They also provide guidance in assessment preparation strategies and troubleshoot areas of deficiency. Even if things don’t work out on your first try, course instructors act as a support system to guide you through the revision process. You should expect to work with course instructors for the duration of your coursework, so you are welcome to contact them as soon as you begin. Course instructors are fully committed to your success!

Preparing for Success

The information in this section is provided to detail the resources available for you to use as you complete this course.

Your Learning Resources

The learning resources listed in this section are required to complete the activities in this course. For many resources, WGU has provided automatic access through the course. However, you may need to manually enroll in or independently acquire other resources. Read the full instructions provided to ensure that you have access to all of your resources in a timely manner.

Automatically Enrolled Learning Resources

You will be automatically enrolled for the following learning resource. Simply click on the link provided in the activities to access the learning materials.

LabSim

You will access the following resource at the activity level within this course:

- Windows Server 2008 Enterprise Administrator 70-647

Note: To use LabSim (i.e., the primary learning resource for this course), your computer must

- be running either Microsoft Windows XP, Vista, or 7 and
- meet the minimum hardware and software system requirements provided on the System Requirements page.

Supplemental MCITP Self-Paced Training Kit

The following resource is recommended, but not required. Because it is supplemental, it will not be linked specifically in any of the activities, but you have access to this resource by clicking the linked title provided below.


The associated chapters of the MCITP Complete Study Guide are matched with the learning modules of LabSim in the "LabSim Windows Server 2008 Enterprise Administrator Courseware Mapping" document.

Pacing Guide
The pacing guide suggests a weekly structure to pace your completion of learning activities. It is provided as a suggestion and does not represent a mandatory schedule. Follow the pacing guide carefully to complete the course in the suggested timeframe.

- **Pacing Guide: Enterprise Administration**

*Note: This pacing guide does not replace the course. Please continue to refer to the course for a comprehensive list of the resources and activities.*

**LabSim**

The LabSim learning resource (Windows Server 2008 Enterprise Administrator Exam (70-647)) contains the following items:

- Videos: 35
- Demonstrations: 28
- Simulations: 39
- Fact Sheets: 43
- Exam Questions: 469
- Practice Exams: 33

**LabSim**

The LabSim modules are constructed in a manner to build off previous lessons, so it is not recommended that you complete the sections out of order. Each module has

- a video,
- lecture/fact sheets, and
- lab simulations.

It is essential to read the materials prior to attempting the simulations to ensure you have a full and applicable understanding of the concepts and competencies required for successful completion of the practice exams.

*Note: It is strongly recommended that you continue to attempt lab simulations until you can easily complete the tasks scoring 100% and pass practice exams with no less than 90% to maximize your chances of successfully passing the actual examination associated with this course.*

This topic addresses the following competencies:

- **Competency 445.1.1: Application Services**
  The graduate develops enterprise network plans for application services including name resolution and Internet Protocol (IP) addressing, application delivery, and Terminal Services.

- **Competency 445.1.2: Access Design**
  The graduate develops enterprise network access designs including network access policies, remote access strategies, domain/server isolation, and perimeter networks.
• Competency 445.1.3: Access Management Design
  The graduate develops access management component designs for an enterprise network including enterprise-level group policy strategies and core identity designs.

• Competency 445.1.4: Support Identity Design
  The graduate develops support identity designs for an enterprise network including migrations, upgrades, restructuring, interoperability, public key infrastructures (PKI), and branch office deployments.

• Competency 445.1.5: Data Availability Design
  The graduate designs data availability for an enterprise network including software updates, compliance management, operating system virtualization, data management, data access, and business continuity.

This topic highlights the following key concepts:

• IP addressing
• Name resolution
• Remote Desktop Services
• Active Directory
• Group Policy
• Domain/Forest migration
• Public Key Infrastructure
• Disaster recovery
• High availability
• Virtualization

LabSim Modules

Because you are to complete the activities for this course within the LabSim learning resource, the following information has been provided to orient you as you begin the course.

You will complete all of the modules within the following sections:

• 1.0 Network and Application Services
• 2.0 Core Identity and Access Management
• 3.0 Support Identity and Access Management
• 4.0 Business Continuity and Data Availability
• Practice Exams

Please remember to proceed through the activities in the specified order.

Once you have completed the coursework in the LabSim modules, you should finish preparing by taking the Certification Practice Exam; it will provide you with valuable feedback about your readiness to take the Windows Server 2008 Enterprise Administrator Exam (70-647). It reviews the questions you missed and refers you back to the appropriate sections you need to study for competency.

It is recommended that you take and pass the Certification Practice Exam at least twice before
considering yourself ready for the Windows exam.

Access the following LabSim resource:

- Windows Server 2008 Enterprise Administrator (Exam 70-647)

**Final Steps**

Congratulations on completing the activities in this course! This course has prepared you to complete the assessments associated with this course. If you have not already been directed to complete the assessments, schedule and complete your assessments now.

**First Attempt Checklist**

One of the many things that makes WGU unique is its competency-based education model. If you know the material, all you have to do is prove it by passing the exam. If you can do this, you can accelerate the receipt of your degree.

To make sure you have the best possible chance at passing this exam on your first attempt, the following steps should be successfully completed before taking it:

1. Read, review, and utilize all of the learning resources within LabSim. Pay special attention to the Fact Sheets in each of the LabSim modules, as many of the competencies are described in detail there. Do not skip over anything. Many students discover the difference between a passing score and missing the cut score by only a few points, is the lack of attention paid to hands-on practice and the information provided on the Fact Sheets.

2. Take the certification practice exam located at the end of the LabSim materials. Based on the score report of this practice exam revisit the LabSim materials, including the Fact Sheets, for the areas indicated as needing additional study.

3. Use your own hands-on lab, in conjunction with LabSim, to review the objectives indicated by the certification practice exam as needing additional study. This will help you gain additional familiarity with the technologies. Repeat this process until you can score 95% or higher, at least five times on the certification practice exam.

4. Contact a course instructor at cmMicrosoft@wgu.edu for valuable test-taking strategies. This is important, as a course instructor can provide valuable advice that could save you time when focusing on exam preparation.

If you have completed the steps above and feel comfortable with all of the concepts presented, you are most likely ready to attempt the exam.

If you fail your first exam attempt you will be required to contact the course instructor to see what went wrong and how you can prepare for a successful second attempt. After determining you are ready, your course instructor will approve your request for a second exam attempt.