Module Title	: **Virtualization Essentials Course**
Duration	: **2 days**

Overview

Certificate: CCC Virtualization Essentials Certificate	**Course ID:** VCC1210
Duration: 2 days	**Language:** English
Course Delivery: Classroom, Virtual Classroom , eBook	**Credits:** 14 PDUs, 18 CPEs

The Virtualization Essentials Course™ is a 2-day, interactive, classroom-based learning experience. The course provides a balanced curriculum and addresses the business perspective, the technical organization, and operating and governing virtualization. The course enables participants to successfully complete the associated Virtualization Essentials exam to become a Virtualization Essentials Professional (VEP) with the Cloud Credential Council. In addition, this course complements the Cloud Essentials course. The participants can do the Cloud Essentials course either before or after they have taken the Virtualization Essentials course.

Course Approach

Scenario-driven learning has always been one of the key success factors of ITpreneurs courses, because it puts participants in the right mind-set to apply the principles in a realistic setting. The role-play activities included in this course present a real world connection by using situations that can occur in the day-to-day life of the participants. In addition, interactive elements such as brainstorms, quizzes, and discussions add to the interactive nature of this course.

Audience

- IT Support Staff
- IT Consultants
- Business Managers
- Business Analysts
- Small and Midsized Business Owners

Iverson Associates Sdn Bhd (303330-M)
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Course Outline :: VEC::

- Specialist (IT, security, infrastructure, services, systems, test, and so on)
- Business Process Owners
- IT Developers
- Service Providers
- System Integrators
- Architects
- Consultants
- IT Management

Learning Objectives

At the end of this course, participants will be able to:

- Understand the common terms and definitions of virtualization.
- Comprehend the business benefits and business considerations of virtualization
- Understand various approaches to server virtualization, its relevance to the modern data center, available platforms, and important features.
- Understand the implications of virtualization on storage, networks, and applications, and recognize issues, challenges, and opportunities for managing this.
- Comprehend the implications of virtualization on the modern workplace, and recognize challenges and opportunities for managing this.
- Understand the impact and changes of virtualization on IT service management.
- Explain typical steps that lead to the successful adoption of virtualization techniques, and understand the implications for an organization.
- Recognize the compliance, risk, and regulatory consequences of virtualization and its financial and strategic impact on an organization.

Course Logistics

- Classroom — U-shaped setup preferred
- Whiteboard, flipchart, and projector
- Participants — maximum of 16
- Virtual Classroom Software (provided by ITpreneurs), in the event of a virtual classroom delivery

Prerequisites

There are no formal prerequisites. However, it is recommended that participants have experience in the IT domain.

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Course Outline :: VEC::

About the Examination

- The course includes an Exam Preparation module, preparing participants to complete the Virtualization Essentials exam on the second day of the course.
- The online exam is in closed-book format, with 40 multiple-choice questions. The pass score is 65% (26 out of 40 questions). The exam lasts for 60 minutes; for non-native English speakers, additional 15 minutes is provided.

Agenda

Day 1	Day 2
1. Course Introduction	6. Workplace Virtualization Technologies
2. Introduction to Virtualization	7. Adopting Virtualization
3. Business Perspective	8. Operating Virtualization
4. The Virtual Data Center: Server Virtualization	9. Governing Virtualization
5. The Virtual Data Center: Storage, Networks, and Applications	10. Exam Preparation
	Exam