CompTIA Cloud Essentials

In recent years understanding of Cloud computing has been growing and as knowledge of the Cloud computing concept develops, many companies are seeing the benefits of the Cloud as it can reduce the cost and offer enhanced flexibility and increased storage.

This CompTIA Cloud Essentials is an online training course aimed at those new to Cloud Computing and who are interested in gaining knowledge of Cloud Computing from an IT Technicians perspective.

In the course you'll cover many topics including; looking at Cloud Computing from a business perspective and ascertaining the types of business that might and might not benefit from cloud computing, how cloud computing could enhance a business's activities. You'll then look at the different types of cloud computing and review the associated benefits and risks, the course then moves on to look at implementing a cloud computing solution and the ensuing impact of such implementation.

Designed for
This course is for those already working in IT who would like to further their technical understanding of Cloud computing. It's also suitable for anyone looking to work in the IT industry as an IT Technician or IT Consultant.

Prerequisites
Before starting this course, it would be preferable if you have a decent level of pre-existing IT skills.

Aims and Objectives
This course is for those new to Cloud computing to help increase knowledge and understanding of the Cloud computing concept and the associated benefits and risks of Cloud computing for a business.

The course will also prepare you to go on to undertake the CompTIA Cloud Essentials exam, CLO-001*.

* Please note CompTIA exams will need to be separately arranged/paid for. Please speak with your Course Advisor for further information on this.

Course Content
Session 1: Characteristics of Cloud Services from a business perspective; Understand common terms and definitions of cloud computing and provide examples; Describe the relationship between cloud computing and virtualization; Name early examples of cloud computing; Understand several common definitions of cloud computing and their commonalities/differences; Recognise what types of organisations might or might not benefit from cloud computing; Distinguish between the different types of clouds, including XaaS, IaaS, PaaS, and give examples of them.

Session 2: Cloud Computing and business value; Recognise the similarities and differences between cloud computing and outsourcing; Understand the following characteristics of clouds and cloud services from a business perspective; Demonstrate how the characteristics of cloud computing enhance business value.

Session 3: Technical perspectives/Cloud types; Understand the difference between private and public types of clouds from a technical perspective and provide examples; Understand at a high level the following important techniques and methods for cloud computing deployment; Explain technical challenges and risks for cloud computing and methods to mitigate them; Describe the impact of cloud computing on application architecture and the application-development process.

Session 4: Steps to a successful adoption of Cloud; Explain typical steps that lead to a successful adoption of cloud computing services; Understand the roles and capabilities of cloud computing vendors and dependencies on the vendors; Understand the following organisation capabilities that are relevant for realising cloud benefits; Describe multiple approaches for migrating applications.

Session 5: Impact and changes of Cloud Computing on IT Service Management: Understand the impact and changes cloud computing of UT service management in a typical organization; Use a structured approach based on ITIL to explore the potential impact of cloud computing in your organization.

Session 6: Risks and consequences of Cloud Computing: Explain and identify the issues associated with integrating cloud computing into an organisations existing compliance risk and regulatory framework; Explain the implications for direct cost and cost allocations; Understand how to maintain strategic flexibility.

Benefits
- **The flexibility and value of a self-study course designed to enable you to work at your own pace**
- **The opportunity to gain the widely recognised Pitman Training Certificate**

Course duration: 20 hours

Make sure this course is right for you - have a friendly chat with a Course Adviser, arrange to drop in to have a FREE taster or book a place...

City of London: **020 7256 6668**   Oxford Circus: **020 7580 1651**
web: www.pitmanlondon.co.uk   email: courses@pitmanlondon.co.uk

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