

# CCP MODULE 01

## Fundamental Cloud Computing

This foundational course provides end-to-end coverage of fundamental cloud computing topics as they pertain to both technology and business considerations. The course content is divided into a series of modular sections, each of which is accompanied by one or more hands-on exercises.

The following primary topics are covered:

- Fundamental Cloud Computing Terminology and Concepts
- Basics of Virtualization
- Specific Characteristics that Define a Cloud
- Understanding Elasticity, Resiliency, On-Demand and Measured Usage
- Benefits, Challenges and Risks of Contemporary Cloud Computing Platforms and Cloud Services
- Cloud Resource Administrator and Cloud Service Owner Roles
- Cloud Service and Cloud Service Consumer Roles
- Understanding the Software as a Service (SaaS) Cloud Delivery Model
- Understanding the Platform as a Service (PaaS) Cloud Delivery Model
- Understanding the Infrastructure as a Service (IaaS) Cloud Delivery Model
- Combining Cloud Delivery Models
- Public Cloud, Private Cloud, Hybrid Cloud and Community Cloud Deployment Models
- Business Cost Metrics and Formulas for Comparing and Calculating Cloud and On-Premise Solution Costs
- Formulas for Calculating and Rating SLA Quality of Service Characteristics

Duration: 1 Day

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CERTIFIED  
Cloud Professional

## CERTIFICATION

This course is part of an accreditation curriculum through which one or more official certifications can be achieved.



## EXAM C90.01

Exams are generally available at Pearson VUE testing centers worldwide, via Pearson VUE online proctoring and on-site delivery as part of private workshops.



## STUDY KIT CONTENTS

This course is available as part of an Arcitura Study Kit that includes the contents listed below. In addition to the base course materials used during training workshops, additional materials designed for self-study purposes are also included.

- Workbook
- Presentation Booklet
- Self-Study Guide
- Symbol Legend Poster
- Mind Map Poster
- Flashcards
- Cloud Computing Textbook
- Audio Tutor Recordings (usb)

