

Cloud Computing for Business and IT Professionals

為企業和IT專業人員而設的雲端計算課程

MEDIUM : English COURSE CODE : CCP

This is a foundational course, for business and IT professionals, on the important topic of “Cloud Computing”. **It provides a practical, hands-on overview of this fast moving technology across three layers - software, platforms and infrastructure - benefiting those organizations who are considering adoption of the Cloud Computing approach to their IT operations. On completion, course attendees will be able to evaluate as well as effectively deploy Cloud based computing environments and applications.**

Attendees Will Learn About

Essentials of Cloud Computing encompassing:

- Service Models
- Application Scope
- Opportunities & Risks
- Infrastructure Deployment
- Virtualization Techniques
- Reliability & Resilience
- Security & Privacy
- Usability & Performance
- Vendor Offerings

Who Should Attend This course is suitable for all business and IT professionals who need to acquire the technical knowledge, and experience practical implementation issues related to Cloud Computing.

Course Outline

1. Cloud Computing Fundamentals

- Evolution
- Objectives
- Characteristics
- Components
- Delivery Models
- Service Layers
- Opportunities
- Risks
- Benefits
- Vendor Survey

2. Cloud Computing Services

- Software as a Service (SaaS)
- Platform as a Service (PaaS)
- Infrastructure as a Service (IaaS)
- System Architectures & Operational Models
- Vendor Selection Challenges

3. Cloud Computing Deployment

- Infrastructure & Connectivity
- Virtualization Types & Techniques
- Security & Privacy
- Reliability & Resilience
- Usability & Performance
- Real World Case Studies