

## CLOUD ESSENTIALS CERTIFICATION

Available Dates: **Jan 2-4, Mar 18-20, Jun 25-27**

Class Length: **3 day**

Cost: **\$1,650**

[Email Computer Visions about this class](#)

### **Class Outline:**

#### Description:

The CompTIA Cloud Essentials certification focuses on the real-world issues and practical solutions of cloud computing in business and IT. It's the preferred cloud certification for business professionals and non-IT staff. While it isn't a technical-heavy certification, its coverage of cloud computing principles is anything but superficial.

#### Course Outline:

##### Module 1: Introduction to Cloud Computing

Topic A: Overview of Cloud Computing

Topic B: Evolution of the Cloud

Topic C: Specialized Cloud Services

##### Module 2: Business Value of Cloud Computing

Topic A: Business Need for Cloud Computing

Topic B: Cloud Scalability

Topic C: Cloud Security

Topic D: Impact of Cloud Computing on Business

##### Module 3: Technical Perspectives of Cloud Computing

Topic A: The Cloud Deployment Models

Topic B: Network Requirements for Cloud Deployment

Topic C: Automation and Self-Service in Cloud Computing

Topic D: Federated Cloud Services

Topic E: Standardization

##### Module 4: Technical Challenges of Cloud Computing

Topic A: Cloud Storage

Topic B: Application Performance

Topic C: Data Integration

Topic D: Security Risks and Mitigation

Topic E: Application Architecture and the Development Process

##### Module 5: Steps to Successful Adoption of Cloud Services

Topic A: Steps to Adopting Cloud Services

Topic B: Organizational Capability to Adopt Cloud Services

Topic C: Cloud Vendor Roles and Capabilities

Topic D: Migrating Applications to the Cloud

##### Module 6: ITIL and Cloud Computing

Topic A: Overview of ITIL

Topic B: Planning Service Strategy

Topic C: Designing Cloud Service

Topic D: Transitioning to Live Environment

Topic E: Running a Cloud Service Operation

Topic F: Continual Service Improvement with Cloud

##### Module 7: Identifying Risks and Consequences

Topic A: Organizational Risks

Topic B: Technical Risks

Topic C: Legal Risks

Topic D: Cost Evaluation for Cloud Computing

Topic E: Identify Maintenance Aspects of Strategic Flexibility