Course Details | **Common Questions**

Who should attend (Audience)

This course is designed for IT Professionals and IT Leaders who are seeking to understand the benefits and challenges of cloud computing technologies, including assessing the architectures, components, operation, and tools of cloud computing. This course is designed for those involved in the decision-making and implementation processes of cloud technologies and not for end users.

Duration

3 Days

8 AM-4 PM Central Daily

Course skill level

- ✓ **Foundation**
- Intermediate
- Advanced

This course qualifies for

1.8 CEUs

17 NASBA CPEs

What is this course about?

This course defines Cloud Computing technologies and establishes a strong working knowledge of the concepts and training for cloud computing technologies needed to work effectively with the cloud. The knowledge you gain will enable you to determine whether the latest cloud technologies are appropriate for your organization from a business and technical perspective, to select appropriate cloud providers, and to plan and implement a cloud adoption strategy.

Technology used during course

- AnyWare Classes use Zoom
- AWS and Google Applications are provided for your use during the course
- SkyTap Virtual Machines

Recommended prerequisites

- None

Previous knowledge & experience needed

- Working knowledge of Internet technologies, Microsoft Windows and Web applications Programming experience
- A background with cloud computing is not required

Course Details

Chapter 1: Defining Cloud Computing
- Setting the Stage
- Defining Cloud Computing
- Delivering Cloud Services
- Deployment Models

Chapter 2: Discovering the Value of the Cloud
- Moving to the Cloud
- Technical Benefits of the Cloud
- Business Benefits of the Cloud
- Security Primer

Chapter 3: Infrastructure as a Service
- Virtualization
- Compute Services
- Data Storage Services
- Estimating Costs

Chapter 4: Platform as a Service
- Selecting a Platform
- Microsoft Azure• Google App Engine
- Force.com
- Other Platforms

Chapter 5: Software as a Service
- Defining SaaS
- SaaS Products and Vendors
- Software Plus Services

Chapter 6: Introduction to Private Clouds
- Private Clouds
- OpenStack Cloud Software
- Other Private Cloud Options

Chapter 7: Planning for the Cloud
- Identifying What to Move to the Cloud
- Barriers to Cloud Adoption
- Tips for Architecting Cloud Systems
- Disaster Recovery Planning
- Planning Checklist

Chapter 8: Course Summary

Common Questions – Attendance Policy, Contacts

What is the Attendance Policy for IT Academy Classes?
IT Academy attendees are expected to adjust their work schedule to match the IT Academy class hours of 8:00am – 4:00pm. 100% attendance is expected in each IT Academy class. Missing time in class may result in the following:

- No Show=Employees who do not show up for class or arrive more than one (1) hour after the start of class will be advised to reschedule for the next available course.
- Incomplete=Employees missing a half day or more of class-any day of class-will be advised to reschedule for the next available course. Employees not available to sit for the post-test will be considered incomplete.

AnyWare Technical Support contact?
AnyWare@LearningTree.com, 1-877-653-8733

IT Academy Classroom Point of Contact?
Christopher Marsh, Christopher.marsh@tn.gov, 615-532-5517

How do I access the new My IT Academy Portal?
1. Log into Edison
2. ELM Learning Home Page
3. Quick Links
4. My IT Academy (last link under Quick Link)

For more FAQs visit the IT Academy AEM Site
https://www.teamtn.gov/sts/sts-employee-engagement/itacademytn/it-academy-toolkit/faqs.html