

Modern Applications: Core Technical Skills

OVERVIEW

Release date: September 1, 2021

Micro-course length: 5 hours

Micro-course format: Online accessible through Kivuto or D2L

Delivery: Instructor-led or self-paced

Upon completion: Users will be ready for the VCTA-MA certification exam

Summary

Through VMware IT Academy, "Modern Applications: Core Technical Skills" prepares the learner for a starting position in the modern applications domain. Through a series of targeted, self-paced lessons, the student will learn the basics on Kubernetes, containers and the VMware Tanzu platform to manage modern applications.

Prerequisites

Learners should have a good understanding of the basics of software development, containerization, and datacenters.

Target audience

- Developers
- Upper-secondary students
- Community college/technical college
- College and university
- Technical learners/professionals



Modules

1. Understanding Modern Applications
2. Using a Microservices Architecture
3. Understanding Containers
4. Containers and Virtual Machines
5. Building Container Images
6. Container Registries
7. Kubernetes and Containers
8. Kubernetes Architecture
9. Interacting with Kubernetes
10. Using Kubernetes Objects to Deploy Applications
11. Service and Ingress Objects
12. Advanced Features of Modern Applications
13. Continuous Integration and Delivery Strategies
14. VMware Tanzu Overview
15. VMware Tanzu Product Portfolio
16. Certification Information
17. VMware Core Technical Skills Survey *

For additional information, please contact
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