

Kubernetes Fundamentals

Price: 1895

Duration: 2 days

Delivery Methods: Virtual

Overview

About this Course

Course Overview

This class introduces students to Kubernetes! This is the best place to start before embarking on your Certified System's Administrator (CKA), or Certified Application Developer (CKAD) learning track. Kubernetes is a Cloud Orchestration Platform providing reliability, replication, and stability while maximizing resource utilization for applications and services. By the conclusion of this hands-on training you will go back to work with all necessary commands and practical skills to empower your team to succeed, as well as gain knowledge of important concepts like Kubernetes architecture and container orchestration. We prioritize covering all foundational objectives and concepts necessary for performing common operations on a Kubernetes Cluster. You will command and configure a high availability Kubernetes environment capable of demonstrating all "K8s" features discussed and demonstrated in this course.

Review this course online at <https://www.alta3.com/courses/kubernetes>

Audience Profile

Who Should Attend

- Anyone who plans to work with Kubernetes at any level or tier of involvement
- Any company or individual who wants to advance their knowledge of the cloud environment
- Any Developer/Engineer/SA beginning their Kubernetes Learning
- Project Managers/Leads

At Course Completion

What You'll Learn

- Understand Kubernetes architecture and core cluster components
- Deploy and manage workloads using Kubernetes primitives (Pods, ReplicaSets, Deployments)
- Create, modify, and manage Kubernetes resources using YAML manifests
- Configure container health checks, security contexts, and observability tools
- Manage compute resources through limits, requests, and quotas
- Collect and analyze logs from containers and Pods
- Configure and use persistent storage with PersistentVolumes and PersistentVolumeClaims
- Implement and scale application workloads (Deployments, ReplicaSets, DaemonSets, StatefulSets)
- Expose applications internally and externally using Services (ClusterIP, NodePort, LoadBalancer)

Prerequisites

- Linux Essentials
- Or any other Formal Linux Training

Course Schedule

| Date | Time | Price | Options |
|------------|------------------------|----------|--|
| 06/01/2026 | 09:00 AM - 05:00 PM CT | 1,895.00 | Buy Now Enroll |
| 07/13/2026 | 09:00 AM - 05:00 PM CT | 1,895.00 | Buy Now Enroll |
| 08/24/2026 | 09:00 AM - 05:00 PM CT | 1,895.00 | Buy Now Enroll |
| 09/28/2026 | 09:00 AM - 05:00 PM CT | 1,895.00 | Buy Now Enroll |
| 11/02/2026 | 09:00 AM - 05:00 PM CT | 1,895.00 | Buy Now Enroll |
| 12/14/2026 | 09:00 AM - 05:00 PM CT | 1,895.00 | Buy Now Enroll |

Why Professional Choose TOPTALENT?

Dedicated Texas-Based Support

Get assistance every step of the way from our **Texas-based team**, ensuring your training experience is hassle-free and aligned with your goals.

3000+ Curated Professional Courses

Access an extensive portfolio of over 3000 courses across IT, Business Application and Leadership –
Designed to meet evolving Industry demands

95% Client Approval Rating

Trusted by professionals nationwide our 95% approval rating reflects consistent quality,
measurable impact and exceptional service.

Certified Industry Instructor

Learn from professionally certified experts with real world experience and a proven commitment to
learner success.

For questions

call:

[\(469\) 721-6100](tel:4697216100)

Email:

info@toptalentlearning.com

[Find More Training](#)

FAQ

What if I have to reschedule my class due to conflict?

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify
TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to
info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

What happens once I purchase a class?

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.