

# CHEF

## COURSE SYLLABUS

### About This Course

[What is Chef?](#)

[Common Chef Terminology](#)

[Chef Server](#)

[Chef Workstation](#)

[Chef-Client](#)

[Servers and Nodes](#)

### Building The Web Server Cookbook

[Starting The Apache Recipe](#)

[Attribute Precedence](#)

[Adding HTML Templates Dynamically with Chef](#)

[Copying Config Files to The Node](#)

[Executing Linux Commands On the Node](#)

[Adding Platform Support to The Cookbook](#)

[Adding The Local Chef-Repo to Github](#)

## Node Object And Search

[What Is the Node Object?](#)

[Search Concepts](#)

[Searching Node Attributes Using Knife](#)

## Data-Bags

[What Are Data Bags?](#)

[Creating User and sudo Group Data Bags](#)

[Building A Recipe to Deploy Local User Accounts From Data Bags](#)

## Chef Environments

[What Are Environments and Why Do They Matter?](#)

[Creating and Configuring Environments](#)

[Creating A Second Version of Our Webservers Cookbook](#)

[Deploying to Different Environments](#)

[Viewing and Deleting Environments With Knife](#)

## Roles

[What Are Roles?](#)

[Creating A Web Server Role](#)

[Building A Simple MySQL Cookbook For A Role](#)

[Creating A DB Server Role](#)

[Creating A Base Role](#)

[Quiz: Roles](#)

## Extending Chef

[Knife Plugins](#)

[Chef Supermarket and Chef-Client Cookbook](#)

## Deploying Nodes In Production

UnAttended Node Bootstrapping

Chef-Client Cookbook (Security And Automated Runs)

## Using OpenSource Chef Server

OpenSource Chef

Configuring The Workstation and Bootstrapping a Node

Closing: Bootstrapping Nodes and Deploying Cookbooks