



State of California Commission on Peace Officer Standards and Training (POST)

How Do You Copy? Dispatch Radio Technology (WEB)

Introduction

Have you ever been in a situation where knowing more about your radio system would have helped? Have you wondered how you could troubleshoot a radio problem? In this course, you'll practice troubleshooting radio issues, improve your communication skills when reporting technical problems, and increase your confidence about radio technology basics all in a fun and engaging way.

Learning Objectives

This course has the following learning objectives:

- Identify how radio technology functions and how it impacts communication in order to solve radio communication issues
- Solve radio technology challenges without the support of a technician
- Report radio communication issues to other personnel using correct terminology and with the appropriate level of detail

Content Outline

Module 1: The Basics

- A Magic Box?
- The Equipment: A Deeper Dive
- Why Can't I Hear Her?
- What's in the Way?
- Time to Troubleshoot
- Lost Connection

Module 2: Bands & Frequencies

- Repeat After Me
- Like a Car Radio
- What's Your Frequency?
- Bleed Over
- You're in a Band
- Pop Quiz
- The FCC



State of California Commission on Peace Officer Standards and Training (POST)

Module 3: What's the Range?

- Tower Range
- Make a Match

Module 4: Connections

- How Do You Connect?
- Connecting with Outside Agencies
- Mutual Aid Channels
- Mutual Aid Challenge
- Connections Complete!

Module 5: What's That Sound?

- Sound Issues
- What's Your System?
- Digital or Analog? You Decide
- Name That Sound – Round 1
- Name That Sound – Round 2
- Name That Sound – Round 3

Module 6: Trunked Systems

- Quick Review: Conventional Systems
- What is Your City Starts to Grow?
- Talk Groups and the Controller
- A Trunked System in Action
- Trunked System: Free Play
- System Busies
- What's the Difference?
- Knowledge Check

Module 7: Final Challenge

- Final Challenge
- Summary
- Visit the Dispatch Center
- Conclusion