



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

---

**Puoi raggiungerci qui**

Arrow ECS Srl - Via Lancia 6/a - 39100 Bolzano

Email: [training.ecs.it@arrow.com](mailto:training.ecs.it@arrow.com)

Phone: +39 0471 099 134



# Aruba Design Fundamentals

CODE:	LENGTH:	PRICE:
ARU_ADF	24 Hours (3 days)	Request Price

## Description

This course provides you the fundamental knowledge for an Aruba network design. This course will teach you the Aruba product lines to help you design an Aruba network with the assistance of a senior designer. This course teaches you how to read a customer request and extract information you need to design a wired and wireless network. You'll learn how to use VRF, a tool that helps you determine the wireless coverage needs. You will also learn how to use IRIS to create a BOM for wired and wireless equipment and a basic network diagram. This course is approximately 50% lecture and 50% hands on lab exercises.

## Objectives

After you successfully complete this course, expect to be able to:

- Show familiarity with the Aruba product line for network design
- Discuss the different WLAN organizations that set wireless network standards
- Explain how RF bands and different channels influence network connectivity & stability
- Speak to RF design basics, antenna usage & antenna network transmission fundamentals
- Speak to RF transmit power levels and WLAN mobility concepts
- Ask the right questions needed to create a new network.
- Decipher relevant information from discussing customer pain points.
- Understand the different frame rack units (RU) and types of equipment racks.
- Understand cable requirements and limitations.
- Choose the correct transceiver for your fiber link types.
- Use and understand the basic concepts of IRIS.
- Use IRIS sites and groups.
- Add, copy, paste new devices in IRIS.
- Connect devices together
- Produce a Bill of Materials (BOM)
- Setup Visual RF and show your network topology
- Understand how to plan a new network in VRF
- Show familiarity with the different types of APs
- Show understanding of the different types of mounting brackets to address different mounting needs.
- Show familiarity with outdoor and ruggedized APs
- Show familiarity with the various mounting options
- Review/explain the list of antennas that can be used for the APs
- Show familiarity with various types of Mobility Controllers and their capacities
- Explain license requirements
- Show an understanding of cable types and their limitations
- Show familiarity with the different types of switches
- Explain the switches capabilities
- Design a Car Dealership

## Audience

Typical candidates for this course are IT Associate who want to learn about the Aruba products and the tools used to help design a network.

## Prerequisites

This course has no prerequisites.

## **Programme**

Basic product line introduction  
Information gathering  
Racks and Cables  
The use of IRIS  
The use of VRF  
Aruba indoor APs  
Aruba outdoor APs  
MM, MC, VC planning  
Wired Devices  
Management and AAA  
Mobile Engagement

## **Test and Certification**

This course is part of the following Certifications: Aruba Certified Design Associate (ACDA)

## **Session Dates**

Su richiesta. Contattaci al n.ro +39 0471 099134 oppure via mail a [training.ecs.it@arrow.com](mailto:training.ecs.it@arrow.com)

## **Informazioni aggiuntive**

Questa formazione è disponibile anche come formazione in loco. Per favore, contattaci per saperne di più.