

## KNX Training Center

### Praxis oriented learning of Building Automation

„Training center with strategic location on Mediterranean coast.“

The Training center of APRICUM d.o.o. is providing KNX basic courses for the whole area of eastern countries.

APRICUM has several highly skilled KNX trainers. Some of them have over two decades experience in the area EIB / KNX since they have been in the focus of main activities from the beginning of this technology.

The main location in Split, Croatia is the starting point for organized education in achieving practice proof skills necessary to project, install and commission a KNX based electrical installation. Additional excellently equipped training places are organized with several partners across the whole country.

On request of groups or organizations and with a minimum number of applicants, APRICUM is organizing courses in all neighbour countries to enable spreading the necessary knowledge about KNX.



**Increase your productivity**

## Features

- Certified KNX training center
- Located in Split, Croatia
- Several trainers available
- Over 20 years experience in KNX
- Modern devices for training
- Practice proof training



## Basic course

Goal of KNX basic course:

The goal of the basic course is to teach:

- fundamentals of KNX communication,
- structuring of a KNX project,
- configuration of KNX products,
- commissioning and trouble shooting / service work with the engineering tool software ETS.

The course ends with the theoretical and practical KNX exam.

On successful completion of this test, you will receive the KNX certificate.

Precondition:

Knowledge of local installation regulations, comparable with German VDE 0100

Experience in working with WINDOWS PCs

Target persons:

Commissioning engineers,

Planners,

Service & maintenance personnel

Contents of basic KNX course:

- KNX System arguments - KNX technology
- KNX Communication - Fundamentals of serial data transmission
- KNX Topology
- KNX TP1 Telegram
- KNX TP1 Bus devices
- KNX PL 110 Powerline
- KNX TP1 Installation - Installation and assembly guidelines
- KNX Project Design ETS Professional: Basic - Design and function of ETS4 (Engineering Tool Software)
- KNX Project Design ETS Professional: Advanced (only for informative purposes)
- KNX Commissioning ETS - Configuring and commissioning of a sample project
- KNX Diagnostics & Trouble Shooting ETS

The basic course of 40 training hours deals with all topics in the KNX basic course documentation.

Half of the duration is practical work with ETS and devices where following functions are covered in depth with the practical work:

- Switching
- dimming
- blinds/shutter control
- heating - cooling and displays
- central control
- Working with couplers

After the student has successfully passed the theoretical and practical examination, a KNX certificate is issued that proves the knowledge obtained.

This enables the student to be called "KNX partner" and to be listed as such on the KNX web pages.

