KNX
Basic Certification

Pre-Requisites

Participants must have a Windows laptop that meets the following minimum specifications:

CPU	≥ 2GHz
RAM	≥ 4GB
Storage	≥ 20GB
Screen Resolution	≥ 1024 x 768

Course Duration

15 hours pre-reading & 2 days (8:30am-4pm)

Mode of Study

Blended learning

Dates, Cost and Registration

Course dates, fee information and registration can be found at **www.necaeducation.com.au/knx**

Industry Connection

NECA Education & Careers is the only Victorian Registered Training Organisation (RTO) that is electrical industry owned and operated. This allows for industry input into curriculum ensuring you are industry ready.

Course Information

KNX is an international building control standard that is used to put the intelligence into intelligent buildings. It enables the integration and programming of a range of products from a range of manufacturers using a single software tool. KNX products are all thoroughly tested for compliance ensuring they operate seamlessly together on a single, simple network.

During the training, you will apply your new-found knowledge in exercises and thereby improve your learning results. The course then ends with the theoretical and practical KNX exam. On passing this exam, you receive the official KNX certificate and can then conclude the KNX Partner contract with the KNX Association.

The KNX Basic Certification course covers how to design the KNX topology, how to use ETS to program KNX using lighting and shading examples and how to run diagnostics with ETS. The course contains a Theory and a Practical exam which will test the following subjects:

- KNX Project Design ETS Professional: Basic
- KNX Project Design ETS Professional: Advanced (only for informative purposes)
- KNX Commissioning ETS
- KNX Diagnostics & Trouble Shooting ETS
- KNX System arguments
- KNX System overview
- KNX TP Topology
- KNX TP Telegram
- KNX Bus devices
- KNX TP Installation
- KNX Powerline
- KNX RF

Participants will gain basic understanding and skills to work on KNX based equipment, and become a basic level accredited KNX building automation technician.

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