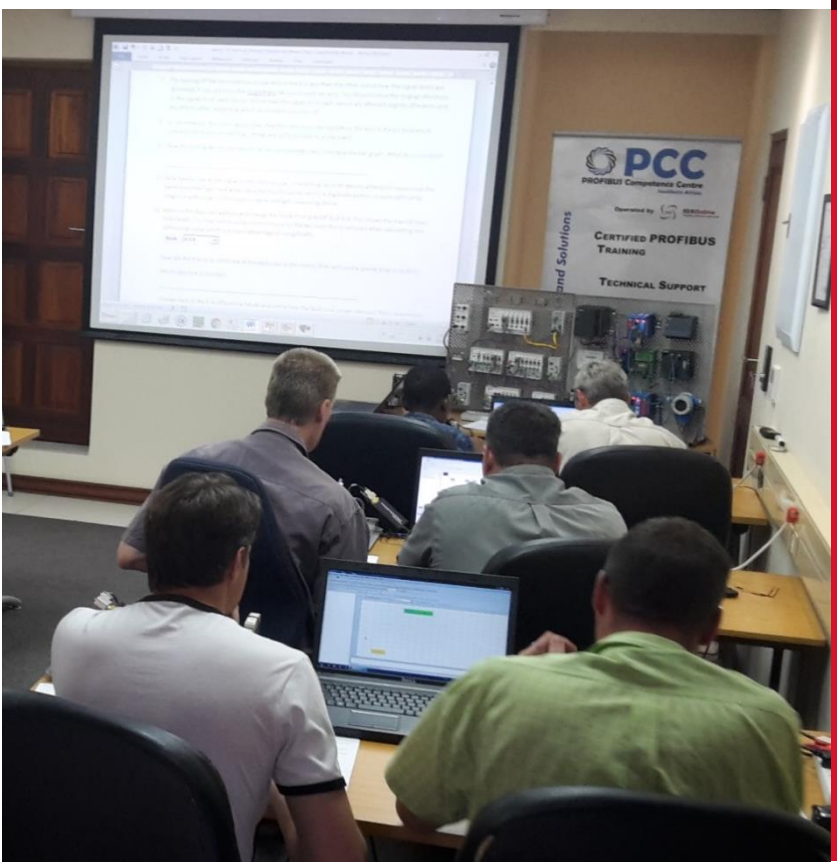
Industrial Data Xchange

Data connectivity that works



Industrial Data Communications Protocol Training

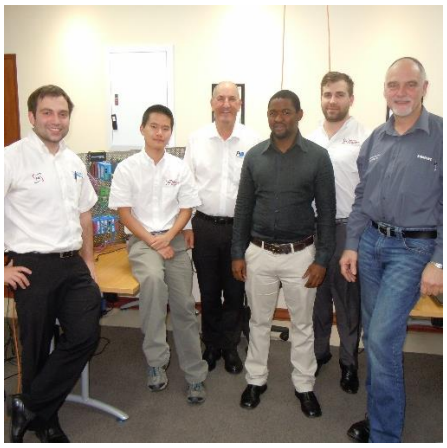
Information and Schedule

www.idx.co.za

+27 11 548 9960

PROFIBUS® PROFINET® AS-i INTERFACE Fieldbus Foundation Modbus CAN TRAINING KNX

Training is the first step in the preparation phase for installing and maintaining an industrial communications networks

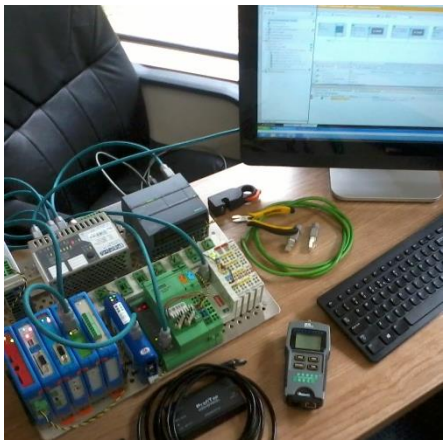


IDX Courses are constantly being revised to keep up-to-date with the latest developments in the technology and improve the training experience

PROFIBUS, PROFINET, ASI, FOUNDATION FIELDBUS, MODBUS, OPC, KNX

Build realistic networks with commonly used equipment. Learn how to break it, so you know how to fix it!

Learn how to use troubleshooting and testing tools effectively



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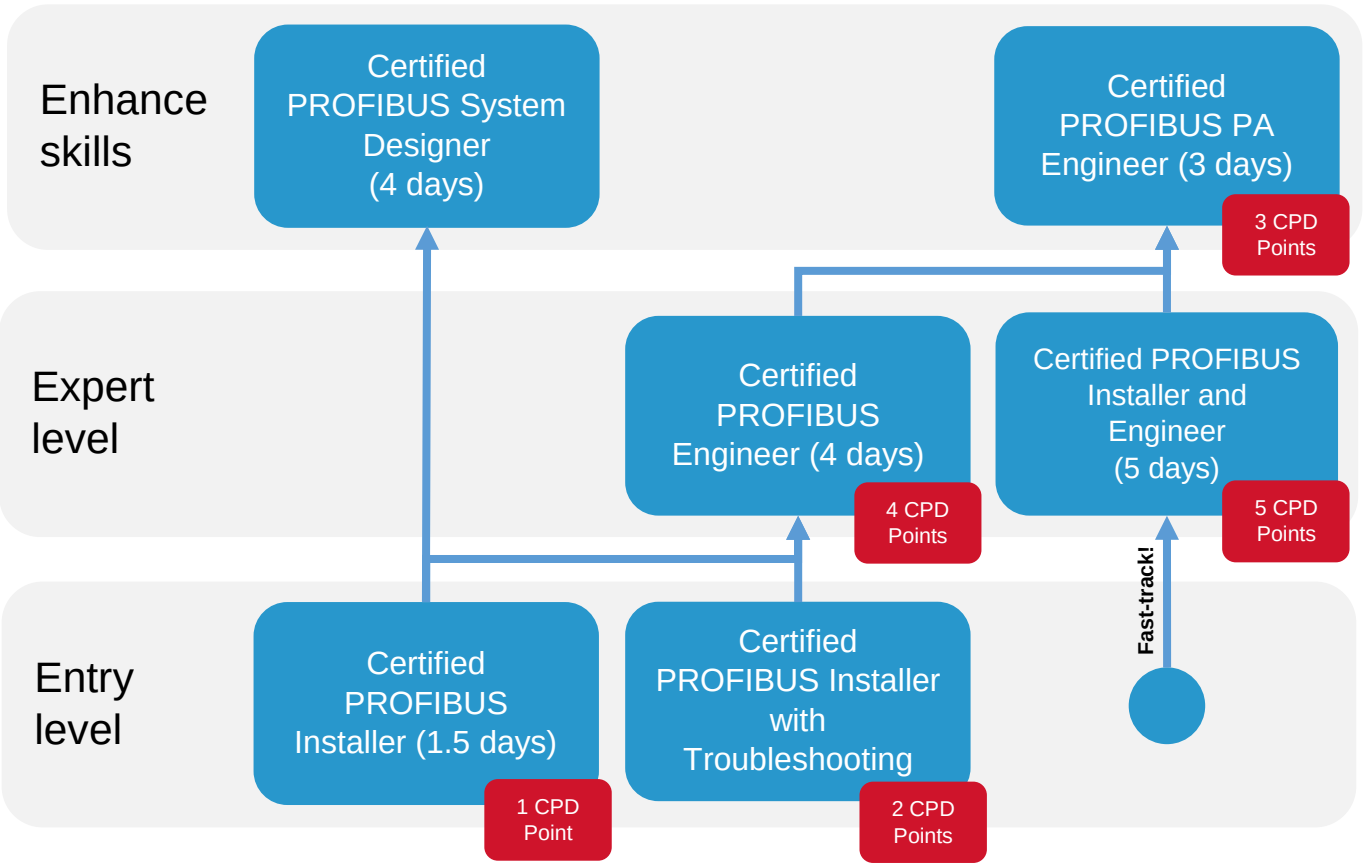
Your path to becoming a PROFIBUS expert



The PROFIBUS Competence and Training Centre of Southern Africa (PCC) has been providing internationally certified PROFIBUS training since 2004. The courses are conducted by lecturers that have real on-site experience and have an in-depth knowledge of the content itself and who are always staying up-to-date with the latest developments of the technology by attending PI Training Centre meetings across the globe. We believe that hands-on training is key and by the end of the course you will feel confident in creating your own network!

Course Costs (including 14% VAT)

CERTIFIED Installer Course	R6 270
CERTIFIED Installer with Troubleshooting Course	R7 524
CERTIFIED Engineer Course	R20 406
CERTIFIED Installer with Engineer Course	R24 966
CERTIFIED PA Engineer Course	R12 426
CERTIFIED System Designer (new!)	R26 220

Info and 2017 Schedule

Courses start at 8:00 AM and end at 17:00 PM depending on how long the practicals take

All scheduled courses are held at the IDX offices in Fourways, Johannesburg

No need to bring anything! Lunch, equipment and training materials are provided.

There is an exam at the end of each course to help attendees practice what they learnt.

Course	Dates	Duration
Installer Course	16 Jan	1.5 days
Installer with Troubleshooting Course	16 Jan	2 days
Installer with Engineer Course	23 Jan	5 days
Engineer Course	24 Jan	4 days
Installer Course	20 Feb	1.5 days
Installer with Troubleshooting Course	20 Feb	2 days
Installer with Engineer Course	27 Mar	5 days
Engineer Course	28 Mar	4 days
Installer Course	5 Apr	1.5 days
Installer with Troubleshooting Course	5 Apr	2 days
PA Engineer Course	24 May	3 days
Installer with Engineer Course	26 Jun	5 days
Engineer Course	27 Jun	4 days
Installer Course	24 Jul	1.5 days
Installer with Troubleshooting Course	24 Jul	2 days
Installer Course	28 Aug	1.5 days
Installer with Troubleshooting Course	28 Aug	2 days
Installer with Engineer Course	11 Sep	5 days
Engineers Course	12 Sep	4 days
Installer Course	4 Oct	1.5 days
Installer with Troubleshooting Course	4 Oct	2 days
Installer with Engineer Course	6 Nov	5 days
Engineer Course	7 Nov	4 days
Installer Course	4 Dec	1.5 days
Installer with Troubleshooting Course	4 Dec	2 days

Which course is for me?

Installer Course
Start from the basics and learn how to properly build PROFIBUS networks according to the specification. Most faults can be prevented by building and installing PROFIBUS cable correctly and with care in the first place. Make sure only Certified Installers touch your network!

Installer with Troubleshooting Course
Identical to the Installer course but with an extra half day of learning how to use test equipment effectively to troubleshoot common PROFIBUS faults. This is where your installer knowledge really gets put to the test!

Engineer Course
If you have already obtained the Installer Certification and want to learn more about how PROFIBUS works from first principals, then this course is for you. Network configuration, decoding diagnostic messages, optimizing timing settings, system debugging and troubleshooting are all topics that are packed into this course.

Installer with Engineer Course
Fast-track your way to an Engineer certification by doing the Installer Certification on the first day and continuing with the Engineer Certification over the rest of the course. An intensive course, but also the best value for the time and money that is committed to it.

PA Engineer Course
Once you have the Engineer Certification, learn about PA network design and implementation. Doing the right calculations before commissioning can save a great deal of time and money. We also configure devices using common engineering tools.

System Designer Course
We look at the control system life cycle, the consideration of maintenance, choosing the right technology and components, network layout and design, high availability, redundancy, control system and network timing, safety and documentation and drawing standards.

For more information and booking requests contact academy@idx.co.za or +27 11 548 9960