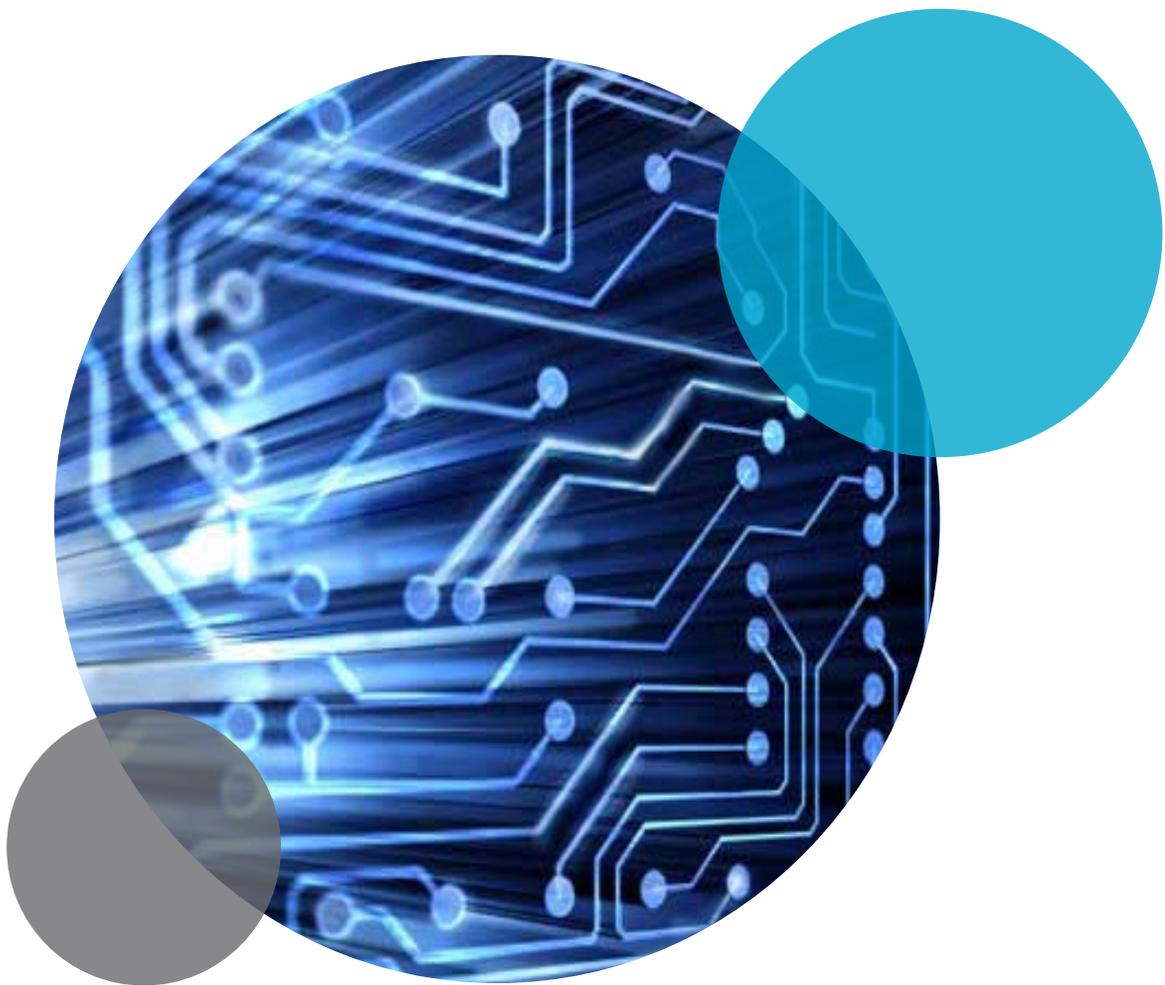


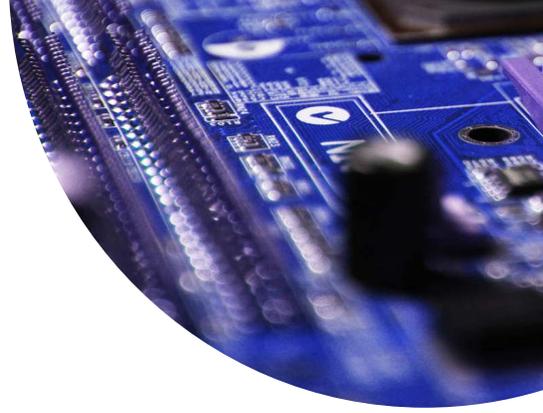


*Designers Council  
Training Center*

# IPC CID and CID+ Professional Development

For PCB Designers and Electronic Design Specialists





# IPC CID and CID+ Training

EDA Technologies has teamed up with UK IPC training specialist, Quadra Solutions, to deliver IPC CID/CID+ Training and Certification in South Africa. This partnership enables EDA Technologies to once again deliver up-to-date IPC CID/CID+ Training to local electronics engineers and or PCB designers

## What is IPC CID and CID+ Training

IPC Designer Certification or CID (Certified Interconnect Designer) and CID+ are the industry's only premier professional development programme targeted toward those working in the Printed Circuit Board (PCB) design industry. We are the sole provider for CID training courses in the UK and have a wealth of knowledge and experience in both professional development within the industry and in PCB design. The IPC is the worldwide membership organisation representing all facets of the electronic design industry.

The CID professional development programme provides delegates with the foundations of design decision-making and an understanding of the practical applications of IPC standards in the design and manufacture of PCB's. The course covers the fundamentals of component placement and track routing, design considerations, layout principles, bare-board manufacture, component and assembly issues, all of which need to be met to create a high quality and effective end product.

- Delegates are expected to be familiar with the course materials prior to training
- Course materials will be sent once registration has been confirmed
- Registration must be done at least 8 weeks before the training date to allow for shipping and study time. Self study is required throughout the course.

## Benefits of IPC Training

### Business Benefits

For many PCB Design Professionals, CID accreditation provides an assurance that their skills and knowledge are fit-for-purpose, whereas for some, it enhances and adds to their skill level, ensuring design work is of higher quality.

### Individual Benefits

For the PCB Design Professional it is becoming more frequent for organisations to ask for CID qualifications when tendering for work, during job applications and when outsourcing design work.





"Even with 25 years of PCB design experience, the IPC CID course has helped enhance and update my skills."  
**Gill Green**  
**XP Power**

# CID and CID+ Professional Development

## Course Overview

Taught by experienced and knowledgeable industry professionals, this programme enhances your existing knowledge while developing your understanding of the wider electronic and manufacturing processes associated with PCB design.

CID and CID+ aims to improve and enhance your existing skills and ensure that you are up-to-date with the latest technologies, processes and industry requirements. The qualification is not restricted to specific software users and can be applied to a range of specialisms within the PCB and electronic design industry.

## Course Content

This training reinforces the knowledge and experience held by individuals operating within the PCB design industry. This intensive training programme provides delegates with a greater understanding of the PCB development processes, the implications for testing and manufacture as well as the industry specifications.

The programme assesses a designer's knowledge of transforming a schematic into a reliable rigid PCB design, which can be easily manufactured, assembled and tested in the most efficient, profitable and reliable manner. The key areas include:

- Design Considerations
- Thermal, Reliability and Testing Issues
- Physical Board Principles
- Layout Principles
- Component Types
- Component and Assembly Issues
- Board Surface Treatments
- Printed Board Characteristics
- Documentation and Dimensioning

Upon successful completion of the course and passing of the exam, you will receive a certificate that is recognised throughout the industry, bringing additional credentials to your technical expertise and a strong endorsement of your skills and experience. Achievement of this qualification can then be marketed to customers, stakeholders and potential employers.

## Next Dates

- **16-18 May 2018:** Certified Interconnect Designer (CID) Training
- **21-23 May 2018:** Certified Interconnect Designer Training + (CID+)

For the full course content and how to book: [www.edatech.co.za](http://www.edatech.co.za)

Pricing:

CID Certification R19 990,00 excl VAT

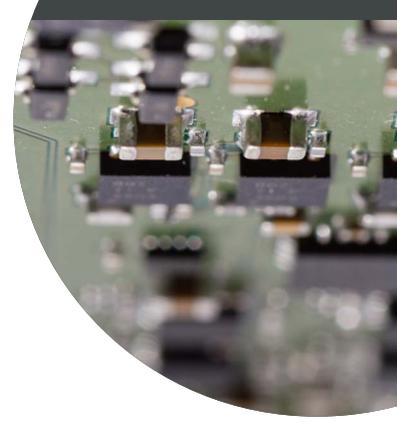
CID+ Certification R22 990,00 excl VAT



**EDA**  
**TECHNOLOGIES**

"CID Training not only endorses my skills but will also support my future career development."

Suzy Lakin  
Renishaw



## CID and CID+ Certification

### Who is this qualification for?

This course specifically caters to existing PCB design professionals who would benefit from the recognition of their skills and confirmation that their designs comply with accepted international standards. The training course is suitable for those with a good working knowledge or who have a number of years' experience within PCB design.

This qualification is now being championed by organisations that are keen for PCB designers to hold this qualification and to position themselves as compliant with industry recognised standards. The qualification is not just suitable for those that undertake regular PCB design work but can also include those involved in the wider operational functions such as development, design, procurement, quality and fabrication.

### Why should you get certified?

**For Individuals, CID Accreditation ensures that;**

- Your designs are compliant with IPC standards
- Knowledge and skill levels are up to the task
- Your design skills and experience are officially recognised and endorsed
- Employability is increased

**For Organisations, CID Accreditation;**

- Helps PCB design staff create better quality design work
- Ensures that the work is done right first time
- Helps avoid time-consuming rework and testing
- Provides design staff with the skills to deal with more complex design issues
- Can be promoted to clients, customer and stakeholders.

### Don't just take our word for it...

"I have been involved with PCB design for over 35 years and taking my CID qualification was not only confirmation of my skills and experience but also provided me with the key principles of high-quality and effective PCB design."

Graham Poll CID+, CAD Consultant

### What next?

For more information about this course and how it can benefit you contact us:

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