DCProfessionalDevelopment

Global Training and Certification Services

## OPTIMIZING PEOPLE

# DCPROFESSIONAL DEVELOPMENT 2015 ROADMAP

DCD PERFORMANCE

DCProfessionalDevelopment

**93%**

of our students would take another course with their instructor.

Source: DCProfessional Development

# DCPROFESSIONAL DEVELOPMENT 2015 AND BEYOND

2015 is set to be a great year for **DCProfessional Development** with lots of new and innovative projects in the pipeline. We are working hard to evolve our training programs and ensure that they continue to deliver the best professional development opportunities to the global data center industry.

Our pioneering Career Progression Framework is being updated with a new Data Center Specialist Credential in Networks and Cabling being introduced towards the end of the year. Our IT Credential has seen great success in Latin America and will be rolled out globally over the next few months.

We are updating our existing courses to ensure they reflect the rapid technological and design changes going on in the industry. To ensure the curriculum is relevant to the region in which it is taught we will also be adapting and updating existing DCS curriculum thereby strengthening the relevance of the global DCS credential.

For those who want their learning in a more digestible format, 6 master classes covering essential topics from DCIM and Data Center Commissioning to the Internet will be available throughout the year. These provide an ideal format to refresh your knowledge in an informal way.

We are embracing new learning technologies by upgrading our Learning Management System and online course platforms, enabling us to develop top of the range blended learning solutions. You will be able to learn in a live classroom, online, or even in a virtual classroom environment.

We will continue to develop collaborative partnerships with industry-leading organizations as well as strengthening our existing endorsements. Through these strategic partnerships we are able to develop and deliver additional training programs dedicated to our regional markets.

As part of the DatacenterDynamics Group we have our finger on the pulse in this fast-moving industry. DCProfessional Development enjoys unprecedented access to intelligence reports, whitepapers and inside knowledge of the global data center industry — all of which we pass on to you through our training.

DCProfessional Development is going from strength to strength, with over 6,500 data center professionals from world-leading organizations such as Google, Facebook, IBM and Amazon completing our courses. Join us this year for our most extensive training program yet!

If you'd like to receive updates on our upcoming courses please email **marketing@dc-professional.com**.

# OUR GLOBAL EXPERTS

John Laban

Hugo Bertini

Robert Tozer

Didier Monestes

Phil Turnock

Chris Molloy

Barry Shambrook

Ian Bitterlin

Sophia Flucker

Fabiano Azevedo

Robert “Dr Bob” Sullivan

Michael Fluegeman P.E

Bob Landstrom

Chris Bruderer

Julius Neudorfer

Ronnie Tsang

Leonid Shishlov

Greg Sherry

Marcelo Barbosa

Matthias Hannier

Grigory Youdin

Mike Foskett

Agustin Lopez

Alex Karpinskiy

David Boston

Nelson Farfan

Ed Ansett

Derek William

Garceran Rojas

**“The course is well designed, well thought out and well written. Thank you.”**
Greg Dixon, Equinix, Australia

**We offer training in multiple languages.**

**We have delivered over 3,000 online training modules in 2014.**

**Over 150 professionals gained the DCS credential.**

**Over 6,000 people have attended our classroom training.**

# CAREER PROGRESSION FRAMEWORK

**CLASSROOM COURSES**

## LEVEL 3

| DCS INFORMATION TECHNOLOGY | DCS DESIGN | DCS OPERATIONS | DCS NETWORKS AND CABLING (COMING SOON) |
|---|---|---|---|
| **Data Center Computing Professional** | **Data Center Power Professional** | **Critical Operations Professional** | **Network Management Professional** |
| 3 day intensive classroom (BL) (VC) 21 | 3 day intensive classroom (BL) (VC) 21 | 3 day intensive classroom (BL) (VC) 21 | 3 day intensive classroom (BL) (VC) 21 |
| **Data Center Storage & Data Professional** | **Data Center Cooling Professional** | **Energy & Cost Manager** | **Network & Cable Professional** |
| 3 day intensive classroom (BL) (VC) 21 | 3 day intensive classroom (BL) (VC) 21 | 3 day intensive classroom (BL) (VC) 21 | 3 day intensive classroom (BL) (VC) 21 |

## LEVEL 2

**DCP**
DATA CENTER PRACTITIONER

| Capacity Management (Fall 2015) | Energy Efficiency (Updated Summer 2015) | Business Continuity (COMING SOON) |
|---|---|---|
| 2 day blended learning (VC) | 2 day intensive classroom (CC) (VC) 14 | 2 day blended learning (VC) |

**MASTERCLASS** (COMING SOON) 4
Online courses

"Tackling the latest technologies impacting your data centre including DCIM, performance metrics, commissioning, consolidation strategies, software defined data centers."

## LEVEL 1

**Data Center Design Awareness**
21

### Data Center Health & Safety

Summer 2015

As part of our ongoing campaign to improve health and safety in and around the data center, this 1-hour induction course will educate anyone entering a data center on how to ensure the safety of themselves and others.

Email: **marketing@dc-professional.com** to register your interest

**E-LEARNING**

## Courses based on ASHRAE TC9.9 Datacom Series

These courses are based on the work of ASHRAE's TC9.9.

| Thermal Guidelines | Cooling Fundamentals 1 | Cooling Fundamentals 2 | Datacom Load | Energy Efficiency |
|---|---|---|---|---|
| Part I 8 | Part II 8 | Part III 8 | Part IV 8 | Part V 8 |

## Certificate in Foundations of Mission Critical Infrastructure

16 modules (or 128 PDHs)

After completing all the course modules and passing the online examinations, the student will receive a Certificate in "Foundations of Mission Critical Infrastructure".

| | | | |
|---|---|---|---|
| Fundamentals of Power Quality 4 | Standby Generators 8 | Data Center Cooling 12 | Energy Security 16 |
| Electrical Systems Maintenance 3 | Automatic Transfer Switches 7 | Raised Access Floors 11 | Policy & Regulation 15 |
| Reliability & Resilience 2 | Static Transfer Switches 6 | Fire Protection 10 | Energy Efficiency 14 |
| Mission Critical Engineering 1 | UPS Systems 5 | Fuel Systems 9 | Airflow Management 13 |
| Complete modules 1–4 for **Mission Critical Awareness Certificate** | Complete modules 5–8 for **Critical Power Awareness Certificate** | | |

## Gaining the DCS Credentials

To gain each DCS credential a student must complete the necessary hours of classroom and online courses from the framework (77 classroom and 40 online), then provide detailed project experience, and a full CV with references. This information is vetted by an external auditor.

IT · DESIGN · OPERATIONS · NETWORK

**(BL) Blended Learning:**
A combination of instructor-led and online learning that gives you access to high quality training where you can study at your own pace.

**(VC) Virtual Classroom:**
Participation through an online classroom. Network with other students, access online resources and interact with your instructor. **Coming Fall 2015**

**(CC) CEEDA compliance**

### Recommended minimum participation requirements

For each of the courses on the framework we have suggested minimum educational/experience requirements which we feel are necessary to guarantee a satisfactory learning outcome from the course. Further details can be found online.

If you do not meet some of the criteria, but feel that you have other relevant experience or a working background that you think is appropriate (with transferable skills/knowledge), please contact us to discuss further.

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# DATA CENTER ENERGY PRACTITIONER

The Data Center Energy Practitioner (DCEP) Program has been developed by the US Department of Energy to address the need for better energy assessments in data centers.

Its objective is to raise confidence and standards of those involved in energy assessments in data centers to accelerate energy savings.

The Program acknowledges the need for significant skills, knowledge and training to perform accurate energy assessments, using specific software and tools developed by the US Department of Energy.

The Program consists of two levels, although we recommend that both are completed.

## LEVEL 1
## DCEP Generalist

8

**Duration:** 1 day intensive classroom + 3hr exam
**Fees:** $1175 (US only)

Level 1 Practitioners ("Generalists") will be expected to have a good understanding of three data center disciplines (HVAC, Electrical and IT equipment) for providing broad recommendations based on the high-level DC Pro Profiling Tool.

## LEVEL 2
## DCEP Specialist

14

**Duration:** 2 day intensive classroom + 3hr exam
**Fees:** $2175 (US only)

Level 2 Practitioners ("HVAC Specialists") will be expected to address energy opportunities within the data centre using an in-depth DC Pro System Assessment Tool.

## DCEP Generalist + Specialist

22 (8+14)

**Duration:** 3 day intensive classroom + 2 x 3hr exams
**Fees:** $2500 (save $850 when you book both together)

## Learning Objectives

Students who complete both the Generalist and Specialist training and certification programs will be able to:

- Identify and evaluate energy efficiency opportunities in data centers
- Understand and apply the DOE's DC Pro software tool suite
- Address energy opportunities in electrical systems, air management, HVAC, and IT equipment.



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Global Training and Certification Services

# CORPORATE TRAINING SOLUTIONS

## Evaluating Your Training Needs

Working with you, we will complete a gap analysis to define your employees' training needs. Our dedicated skills assessment app will help us to understand the current skills levels of your employees, enabling you to make informed decisions about your corporate training requirements.

## Developing Your Training Solution

DCProfessional Development partners with you to find the best training solution for your employees. This can be anything from developing a customized training package for your entire staff of engineers, to processing a registration for a single employee on a public class.

## Building Your Tailor Made Program

Through a consultative process we will work with you to build a team development plan specific to your business needs. We will draw from our extensive online and classroom course materials to develop a blended learning package for your tailor made training experience.

## Training Your Employees

Once your bespoke training program has been created, your employees can begin their training. All of our courses require students to complete a final online exam which will allow them to get their results immediately. Your employees can monitor their progress on our custom Learning Management System and managers can use a specially adapted interface to monitor performance and maintain records of achievement.

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# INVEST in your staff & IMPROVE performance

INCREASE UPTIME | IMPROVE PERFORMANCE | RETAIN YOUR STAFF

## Over 38% of organizations only invest in staff training after system downtime.

Over 38% of organizations only invest in staff training after system downtime. Prevention is the best cure. Give your data center staff the skills they need to reduce downtime in your organization.

**DCProfessional Development is now offering mission critical learning & development training in these locations**

London • Paris • Milan • New York • Istanbul • Singapore • Hong Kong • Shanghai • Auckland • Melbourne • Sydney • Johannesburg • Amsterdam • Stockholm • Brazil • Madrid • Mexico + many more

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# Become a Data Center Specialist in 2015.

Data Center Specialists are an elite group of data center professionals who have demonstrated a commitment to their professional development and the data center industry.

Not only have they reached the top of DCProfessional Development's pioneering Career Progression Framework but they have demonstrated their skills in the workplace through a detailed portfolio of project experience.

**Join the elite and embark on our Career Progression Framework in 2015.**

Visit **www.dc-professional.com** to view our global training calendar.

## Gaining the DCS Credential

To achieve each DCS Credential a student must complete the necessary hours of classroom and online training (77 classroom and 40 online), then provide detailed project experience and a full CV with references).



# GET IN TOUCH

## Buying Online & Classroom Vouchers

### For Individuals

Go to our website, choose your course, create a student account and request a pro-forma invoice that you can take to your HR or Accounts department. Alternatively use a pre-paid voucher.

### Volume Pricing

For organizations looking to put 10 or more staff through **classroom courses** over the next 12 months we offer volume discounts which can be purchased online – alternatively call your regional contact for more details.

Significant discounts can also be made for organizations wishing to use our **online training** modules by purchasing vouchers in volume.

Vouchers can be used against any of our courses by your staff directly—with the online payment system—or alternatively you can distribute them to your workforce via the **Student Management Interface** for online courses.

An online voucher equates to an entire online course or 8 PDHs.

### Custom Solutions

Through consultation we help organizations build a tailor-made team development plan, drawing on all available online and classroom courses, including a staff education management portal.

We can build you an online training portal skinned to your corporate brand and you can choose your own selection of online courses.

In the classroom environment we can deliver in-house training on a per seat/per day basis with volume discounts of up to 25%. We can even help you build your own classroom training schedule from a wide selection of existing modules.

If you are interested in building a customized solution please email us at:

**info@dc-professional.com**

## Contact a Training Consultant

If you would like to talk to the team about any of our programs please contact the relevant regional office – see global/regional contacts below.

### Global contacts:

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DCProfessional Development is part of the DCD Group, an international company dedicated to providing information products and services to the data center sector.

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