



## Certified Water Efficiency Professional<sup>®</sup> Training Program

*This training program is designed to provide attendees with an understanding of industry best practices for effective and efficient water management. Over three days, our professional instructor will guide you through the principles and practices of greatest relevance and practical value related to improving water usage and enabling sustainable programs.*

### What Will You Learn?

- Learn how to measure, verify and evaluate water usage for a given building or facility.
- Learn the relevant terminology used by local municipalities, and federal and state governments, as well as their policies, incentives and water specific mandates.
- Learn about water billing for your company, client or facility, and what strategies to employ to reduce costs.
- Learn how to compare and contrast water supply and water balancing options.
- Learn what technologies are available to improve water efficiency.

### Who Should Attend?

The program is of greatest value to those undertaking or assessing water efficiency projects or individuals responsible for water supply and management for a facility or building. Obtaining AEE's CWEP<sup>®</sup> certification provides international credibility among the environmental management and sustainability communities. Attendees of this program have included existing energy engineers, energy managers, building maintenance engineers, manufacturing and facilities managers, and energy consultants.

### At-a-Glance

- » This training program prepares attendees to take the Certified Water Efficiency Professional<sup>®</sup> (CWEP<sup>®</sup>) exam.
- » This program is held over 3 days, with a voluntary exam on day 4.

### Credits

- » 2.8 AEE renewal credits for course

### Key Takeaways

- » Work through practical examples to demonstrate the topics and procedures covered.
- » Review the various areas of the Body of Knowledge associated with AEE's certification exam.
- » Discuss how to apply what you have learned to your business and applications.
- » Leave with a course workbook that will become an invaluable desk reference.

### Certification, exams and quality control by:

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# Certified Water Efficiency Professional™ Training Program

## Course Outline

- General Water Conservation
- Policy
- Benchmarking
- Water Balance
- Units/Conversions
- Measurement & Verification in Water Applications
- Domestic Plumbing
- Kitchen Equipment
- Laundry Equipment
- Irrigation
- HVAC & Mechanical Equipment
- Pools
- Reverse Osmosis
- Sterilization/Lab Equipment
- Alternative Water Sources
- Storm Water Management

## Our Instructor

### Richard Garner

MSc Ecology, CRM®, CMVPIT®

Richard Garner is internationally accredited at a trainer for Certified Water Efficiency Professional (CWEP) with the AEE. He has his MSc Ecology with Distinction, is a Certified Measurement and Verification Professional (CMVP) In-Training, an Advanced Management Program Certificate from Gibbs, and registered as a Natural Professional Scientist with the SACNASP.

Richard has vast experience in the water industry stretching from the environmental management and operations in the mines, a technical specialist for the development and implementation of environmental standards, water policies, strategies and water efficiency programs.



## Certification Eligibility

The prerequisites to qualify for the certification process take into account the diverse education and experience applicants may have. Each candidate must meet the required criteria at

[aeecenter.org/cwep](http://aeecenter.org/cwep)

CURRENT QUALIFICATION	EXPERIENCE	
4-year engineering/architectural degree OR Pr.Eng, Registered Architect	<b>P L U S</b>	none
4-year degree in technology, environmental science, physics or earth science		none
2-year technical qualification		none
4-year degree in business or business related		none
4-year unrelated degree		none
NONE: no current qualification		+ 1 year
Current status of CEM		none
Current status of CBEP		none
Employment at company in related field		none
<i>Years of work experience required - in addition to the current qualification - must be related to the certification discipline applied for.</i>		

## Our partners:



## Registration through our partners:

### Mauritius

Pamelah Gungaram  
pgungaram@pmtcs.myt.mu  
Online booking: [iepa.org.za](http://iepa.org.za)

### Nigeria

Esther Obikoya  
esther@stratagemenergy.com  
Online booking: [iepa.org.za](http://iepa.org.za)

### Kenya

Kenya Association of Manufacturers (KAM)  
cectrainings@kam.co.ke  
Online booking: [kam.co.ke](http://kam.co.ke)

### South Africa

Thieda Ferreira  
training@saeconfed.org.za  
Online booking: [saeconfed.org.za](http://saeconfed.org.za)

### Tanzania

Karen Thurania  
karen@eenovators.com  
Online booking: [eenovators.com](http://eenovators.com)

### Uganda

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### Other Sub-Sahara Africa countries

Susan Rist  
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