

HOW TO REGISTER

The form provided on the back page enables you to register for the two-day seminar, as well as apply for CWEP certification. There are three ways to apply and register for the seminar:

1. **ONLINE:** If you plan to pay by credit card, you can register for the seminar by going to: www.aeeprograms.com/seminars

2. **BY FAX OR EMAIL:** If you plan to pay by credit card, you can fax or email your completed registration form. Be sure to include all required credit card information, and fax to (770) 381-9865 or email your information to valerie@aeecenter.org

Government agency participants registering by fax must submit completed "Request, Authorization, Agreement and Certification of Training" form or completed DD1556 form with completed seminar registration.

3. **BY MAIL:** Complete the form provided, including selecting the seminar date and location you wish to attend, and return it, along with check or appropriate credit card information to the address indicated. Checks should be made payable to AEE Energy Seminars.

REGISTRATION DEADLINES

Whichever method you select, your application needs to reach us at least two weeks prior to the first day of the program you wish to attend. You will receive a confirmation of your seminar registration by mail only if your application is received by that date. You are encouraged to register early, as attendance will be limited to the first 50 applicants.

LATE REGISTRATIONS

If time does not permit you to register more than two weeks prior to the course date, you may register on site by taking the following steps:

1. Call (770) 925-9633 to confirm that space is available.
2. Complete your CWEP application in advance, and bring it with you to the seminar site.
3. Bring payment with you in form of company check. Credit cards not accepted on site. Full payment must be received prior to beginning of seminar.

SEMINAR HOURS

Plan to arrive at 8:15 am on the first day of the seminar for sign-in and on-site registration. Seminar hours are 9:00 am to 5:00 pm each day.

CANCELLATION POLICY

If you are unable to attend the course for which you have registered, you can substitute another person in your place, or transfer your registration to another date or another seminar of equal (or lesser) value without penalty for a period of one year following the starting date of the seminar for which you have registered. However, your request for substitution or transfer must be made in writing.

Please see www.aeeprograms.com/seminars/LiveSeminars for courses available. Only one transfer is permitted, only AEE direct seminars qualify, you may not transfer to chapter, other provider, or in-house run programs, and no difference in registration fees paid shall be refunded.

All cancellations must be made in writing. For registrations cancelled 21 days or more prior to the program date, full paid program fee less a \$200 service charge will be refunded. For registrations cancelled 20 days or less prior to the program date, the full program fee will be assessed, and no refund will be made. For transfers not used within the one-year period, cancellation policy is based on start date of program for which original registrant originally registered. Should a program be cancelled because of weather, illness, or any other reason, all attendees will be notified as early as possible, and our liability will be limited to the return of the registration fee.

HOTEL RESERVATIONS/SEMINAR LOCATIONS

Seminar participants are responsible for making their own hotel reservations. A block of rooms has been reserved at the hotel where each course will take place. In most cases these rooms are held up to four weeks prior to the seminar date. We therefore recommend that you make your hotel reservations early to assure availability of space.

When you call, be sure to mention AEE and the name of this seminar to assure that you receive the appropriate rate. Hotels for seminar locations and dates listed in this brochure are as follows:

PHILADELPHIA, PA

Seminar held at Pennsylvania Convention Center
For hotel options, visit www.globalconevent.com/hotels

LONG BEACH, CA

Seminar held at Long Beach Convention Center
For hotel options, visit www.energyevent.com/hotels

PROGRAM FEES AND DISCOUNTS

Fees, including the two-day seminar, certification application/exam fee, course materials and refreshment breaks, are as delineated on the registration form on the back page. (Lunches and hotel rooms are not included.) For two or more persons registering from the same company at the same time, a \$100 discount per registration may be deducted from registration fee. Member rate may be taken by persons who are current members of AEE (member number must be provided), or by those submitting the application for AEE membership on the registration form, along with appropriate membership fee.

SPACE IS LIMITED, SO REGISTER EARLY!

Certification candidates can register either by mail or by fax.

Complete instructions and hotel information are provided on inside flap at left.

CERTIFIED WATER EFFICIENCY PROFESSIONAL (CWEP) APPLICATION AND FUNDAMENTALS OF WATER EFFICIENCY SEMINAR REGISTRATION FORM

Join AEE and Save \$100 on Your Registration Fee!

Please complete a separate form for each applicant. Photocopies of this form may be used.

APPLICANT INFORMATION

Mr.
 Ms.
NAME _____

JOB TITLE _____

ORGANIZATION NAME _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____ FAX _____

EMAIL _____

Indicate your fee status:

- Nonmember
 Government/Nonprofit
 AEE Member
(Member Number: _____)
 Completed AEE Membership Application & Fee Enclosed

Please send me _____ copy(s) of **Water Quality & Systems** at a cost of \$102.00 each. (Includes S&H) (Order code 0522)

If you are a registered engineer or architect, please complete the following:

- Registered P.E. Registered Architect
State _____ License No. _____

SEMINAR REGISTRATION

Please register me for the following seminar locations and dates:

- PHILADELPHIA, PA / March 16-17, 2015
 LONG BEACH, CA / June 1-2, 2015

AEE MEMBERSHIP APPLICATION (optional)

I wish to become a member of the ASSOCIATION OF ENERGY ENGINEERS in the classification checked:

MEMBER – A graduate of an engineering college or university or a registered professional engineer or architect. (Persons who feel they are qualified by experience or related degree may petition for full membership consideration.)

AFFILIATE MEMBER – A person interested in the objectives of the Association who does not meet the above criteria for full membership.

If you are a registered Professional Engineer or Architect, please indicate state(s) and registration number(s):

State _____ No. _____ State _____ No. _____

Years of experience in the energy field: _____ years

College _____ Degree _____ Year _____

College _____ Degree _____ Year _____

Additional pertinent information may be listed on a separate sheet and attached.

I certify that the statements made in this application are correct and I agree, if elected, that I will be governed by the Constitution and Bylaws of the Association as long as I continue as a member. I furthermore agree to promote the purposes of the Association so far as shall be in my power.

(Applicant's Signature) (Date)

CWEP CERTIFICATION APPLICATION

Check applicable boxes and provide requested information:

Two-year technical degree or four-year degree from accredited university or college: Specify college, degree, and year graduated: _____

U.S. Military Veteran:
Years served: _____ Branch: _____ Service No.: _____

Certified Energy Manager (C.E.M.):
Specify number: _____ Certified Business Energy Professional (B.E.P.):

Certified Energy Efficiency Professional (E.E.P.):
Specify number: _____

Specify number of years' experience in water efficiency, energy management, or building/facility operations and maintenance:
Years _____ Type of experience _____

I certify that the information contained in this application is correct to the best of my knowledge, and agree to indemnify and hold harmless the Association of Energy Engineers (AEE), the CWEP Board, and all those affiliated with AEE and its programs.

Applicant Signature in Full _____ Date _____

FEES:

Program fees include 2-day seminar plus certification application fee and exam.

Regular Fee: \$1750 (\$1450 for 2-day seminar only / no certification or exam)
AEE Member: \$1650 (\$1350 for 2-day seminar only / no certification or exam)
Gov't/Nonprofit: \$1650 (\$1350 for 2-day seminar only / no certification or exam)
Team Discount: -\$100 / registrant (two or more persons)

Complete applicable fee and payment information:

Program Fee..... \$ _____

AEE Membership Fee: \$190 per applicant..... \$ _____

_____ Copy(s) of *Water Quality & Systems*..... \$ _____

TOTAL ENCLOSED..... \$ _____

Select method of payment:

- CHECK ENCLOSED** (Payable in U.S. funds to AEE ENERGY SEMINARS)
 CHARGE TO MY CREDIT CARD (for advance registrations only)
 American Express VISA MasterCard Discover

CARD NO.

Expiration Date Signature

Credit Card Billing Address

City, State, Zip

Please return completed registration form to:
AEE ENERGY SEMINARS OR FAX TO: (770) 381-9865
P.O. Box 1026 OR EMAIL TO:
Lilburn, GA 30048 valerie@aeecenter.org

ANNOUNCING...

The comprehensive two-day training program and refresher course designed to prepare you to take the Certified Water Efficiency Professional (CWEP) exam, where you will learn:

✓ The best practices for maximizing water management and understanding water efficiency basics as they apply to business, industrial, institutional and governmental facility settings.

✓ Technical and organizational strategies for conducting water efficiency site assessment, complying with federal, state and municipal mandates, measuring and verifying results, assessing supply options, and more.

✓ The full scope of information you'll need to help you prepare for the CWEP certification examination.

EARNs 1.6 CEU

CWEP
PROFESSIONAL CERTIFICATION

AEE
SEMINAR PRESENTER

FUNDAMENTALS OF WATER EFFICIENCY: Strategies for Effective Water Management

A Two-Day Intensive Training Course for Water Efficiency Professionals

PHILADELPHIA, PA | March 16-17, 2015

Philadelphia seminar has been scheduled so that you may also attend the GLOBALCON expo, to be held March 17-18, 2015, at the Pennsylvania Convention Center.

LONG BEACH, CA | June 1-2, 2015

Long Beach seminar has been scheduled so that you may also attend the West Coast EMC expo, to be held June 3-4, 2015, at the Long Beach Convention Center.

THE CWEP EXAMINATION WILL BE ADMINISTERED IN CONJUNCTION WITH EACH TRAINING PROGRAM.

Approved Training Course
Continuing Education Systems (CES)
American Institute of Architects (AIA)

The Association of Energy Engineers

AEE
PRESENTED BY

LONG BEACH, CA | June 1-2, 2015
Long Beach seminar has been scheduled so that you may also attend the West Coast EMC expo, to be held June 3-4, 2015, at the Long Beach Convention Center.

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FUNDAMENTALS OF WATER EFFICIENCY: Strategies for Effective Water Management

Improve your water management skills while preparing to take the CWEP certification exam.

Non-Profit Organization
U.S. Postage
PAID
The Association of
Energy Engineers

The Association of Energy Engineers
3168 Mercer University Drive
Atlanta, Georgia 30324

TRAINING FOR
CWEP
Certified Water Efficiency Professional
PROFESSIONAL CERTIFICATION

An invitation for water
efficiency involved professionals...

ABOUT AEE'S NEW CERTIFIED WATER EFFICIENCY PROFESSIONAL (CWEP) PROGRAM

The Certified Water Efficiency Professional (CWEP) program is designed to help educate and qualify individuals in the water/energy management field on best practices for improving water efficiency. By obtaining the CWEP Certification, candidates will gain industry and peer recognition by demonstrating their understanding of technical and operational water management principles.

ELIGIBILITY REQUIREMENTS FOR CWEP CERTIFICATION

Each applicant for CWEP professional certification must attend AEE's preparatory training seminar and complete and pass the CWEP written exam proctored by an AEE-approved exam administrator, as well as meet the following criteria. (Note that certification is optional, and you may take the seminar without participating in the certification process.)

The CWEP candidate must meet one of the following criteria:

Have a 2-year technical degree or 4-year degree from an accredited university or college.

OR

Have at least one year of experience in water efficiency, energy management, or operations and maintenance of a building or facility.

OR

Be a U.S. military veteran.

OR

Have the current status of CEM, BEP, or EEP.

FORMAT OF THE CWEP EXAM

The CWEP exam is given in conjunction with the *Fundamentals of Water Efficiency: Strategies for Effective Water Management* two-day training program. Examination questions are based on concepts and experiences basic to water efficiency practices and strategies. The exam, which must be completed within a 4-hour time frame, is open book, and the questions are a mixture of multiple choice and true/false.

For more details on the CWEP exam or certification process, or to apply for certification online, visit www.aeecenter.org/certification/cwep



To register for this seminar online visit:
www.aeeprograms.com/seminars
Or you may complete the registration form provided on the back page of this brochure and sent it via fax or email.

FUNDAMENTALS OF WATER EFFICIENCY: Strategies for Effective Water Management

A 2-DAY TRAINING SEMINAR

Water is one of the most essential natural resources. More and more businesses—both large and small, industries, institutions, utilities, cities and governmental agencies—are looking for strategies to reduce water usage to reduce their costs and as a part of their larger sustainability plans. Implementing water-efficient technologies or techniques is often a team effort involving individuals with varied backgrounds, responsibilities, and levels of expertise.

This comprehensive two-day instructional program is designed to help educate those who have responsibilities in the sustainable or utility efficiency field on best practices for maximizing results and understanding water efficiency basics. Attendees will learn technical and organizational strategies, including conducting a water efficiency site assessment, water billing, relevant terminology, federal, state and municipal mandates and policies, and water measurement and verification, along with water supply options and water balancing development.

The seminar is designed to serve as a preparatory training vehicle for the examination required to be completed by those interested in obtaining AEE's Certified Water Efficiency Professional (CWEP) certification. The seminar is also open to those who simply wish to benefit from the training provided, and do not wish to sit for the exam following the seminar.

By obtaining the CWEP certification, participants will gain industry and peer recognition by demonstrating their understanding of technical and operational water efficiency principles. The program also serves as a fundamental building block for additional individual professional development such as obtaining the Energy Efficiency Practitioner (EEP), Certified Energy Manager (CEM), Certified Sustainable Development Professional (CDSF) or the Business Energy Professional (BEP) designation.

NOTE TO CERTIFICATION APPLICANTS

Your CWEP certification application is incorporated into the seminar registration form on the back page of this brochure and fees shown include your \$300 certification application fee. There is also an option to register for the seminar only, in which case you would select the fee shown for the seminar only. More complete instructions are provided on the inside flap.

WHO SHOULD PARTICIPATE?

This program provides an ideal training and potential career advancement opportunity for the following water efficiency professionals and management-involved professionals:

- Energy Service Professionals
- Certified Energy Managers (CEMs) and Certified Energy Auditors (CEAs)
- Energy Management Professionals Needing Water Efficiency Strategies
- Government Resource Efficiency Managers (REMs)
- Facility and Maintenance Managers
- Building Technicians and Operators
- Building Owners and Property Managers
- Utility Professionals
- Federal, State, and Municipal Planners
- Energy & Facilities Champions
- Sustainability Professionals & Certified Sustainable Development Professionals (CDSFs)
- Energy and Water Administrators
- Contractors
- Government Facility Managers
- New Facility Entrants into the Water Efficiency Field
- Returning Veterans Seeking an Energy and Sustainability Related Career

COURSE OUTLINE

DAY 1

Introduction to Facility Water Management

- Terms
- Units of measure (kgal, CCF, acre feet)
- Water utility/billing briefing
- Federal, state, municipal water efficiency policies/mandates

Water Supply Options/Sources

- Potable water
 - Definition
 - Overview of Safe Drinking Water Act
- Non-potable freshwater
 - Definition
 - Options: surface and groundwater
- Alternative water sources
 - Definition
 - Options: reclaimed water, gray water, rainwater, condensate

Data Collection and Baseline Development

Walk-through Audit Overview

Walk-through Audit Exercise

Water Balance Development

DAY 2

Water-Efficient Technology

- Plumbing
- Landscaping and irrigation
- Commercial kitchen
- Laundry
- Cooling and heating
- Hospital and laboratory equipment
- Alternative water technology

Economic Analysis

- Water rates and marginal cost of water
- Valuing on site production costs
- Life-cycle cost analysis

Water Metering

Measurement and Verification

Project Development and Contracting

Outreach and Education

Wrap Up

THE 4-HOUR CWEP EXAM WILL BE ADMINISTERED TO QUALIFIED APPLICANTS ON THE MORNING FOLLOWING DAY 2 OF THE SEMINAR.

Questions?

For questions regarding the seminar or registration procedures: (770) 925-9633
For questions regarding the CWEP exam or certification: (770) 447-5083, ext. 318



OFFER THIS SEMINAR
IN-HOUSE AT YOUR FACILITY

This seminar program may also be presented on an in-house basis at your location. For questions or additional information on AEE seminars, please telephone the Registrar at: (770) 279-4391.



NOW AVAILABLE...
AEE ONLINE SEMINARS

For information on this exciting new and cost-effective training opportunity, please use the following link to visit www.aeeprograms.com/realtime or call Valerie Oviatt at (770) 925-9633.

ABOUT YOUR INSTRUCTOR



FRANCIS WHEELER brings over 15 years of progressive water efficiency and conservation business management experience in all facets from advanced design through construction and measurement and verification. He has worked for multiple water conservation companies, a Fortune 500 energy services company (ESCO) and founded Water Savers, LLC. Mr. Wheeler is a seasoned executive with profit and loss responsibility who has been involved in water efficiency performance contracting since the 1990s. He is active within several trade associations and is frequently invited to speak on the topic of water efficiency. Before beginning his career in the water business, Mr. Wheeler was a Chief of Information and Personnel Security at HQ United States Marine Corps. He attended the University of Maryland while stationed in Japan as well as the Marine Corps University during his 12-year military career.

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SEMINAR PARTICIPANTS RECEIVE...

A COMPREHENSIVE COURSE WORKBOOK:

Your workbook will be packed full of useful information to help you apply what you have learned at the seminar when you're back on the job.

1.6 CONTINUING EDUCATION CREDITS:

Upon completion of the training course, you will receive 1.6 continuing education units (CEU).

A COURSE CERTIFICATE:

At the conclusion of the seminar, you will be awarded an attractive Certificate of Completion by the Association of Energy Engineers. (Certification credentials will be sent separately by mail after exam results and qualifications have been evaluated and approved.)

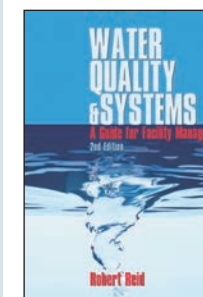
PROFESSIONAL ENGINEERS AND CERTIFIED PROFESSIONALS: Complete Your Required Professional Development Training by Attending an AEE Seminar

More than thirty states now require Professional Development Hours (PDH or CEU) for renewing professional engineers' licenses. Other states, which presently do not have requirements, are considering adding professional training requirements for P.E. renewal in the future. Professional engineers should contact the appropriate State Board of Professional Licensing to obtain the latest requirements.

As a nonprofit professional society, AEE is automatically approved as a continuing education provider in most states. State boards which have assigned AEE specific provider numbers include New York (No. 11), Florida (No. EXP00038), and North Carolina (No. S-0327). You should always verify any provider's status with your own state board. AEE will furnish each seminar participant with a Certificate of Completion indicating the CEU earned and the course taken.

AEE seminars also meet training requirements for maintaining AEE professional certification status.

ALSO AVAILABLE FOR PURCHASE... Water Quality & Systems: A Guide for Facility Managers, 2nd Ed. By Robert N. Reid



This book was written to serve as a guide for facility managers and other building professionals who have the responsibility for water supply and wastewater drainage systems. Designed for on-the-job use, it will guide you step by step in achieving an optimally functioning system, while controlling both operating and maintenance costs – and keeping building occupants satisfied and productive. You'll learn the best approaches to keeping your water systems both safe and efficient, and also assuring that you are in full compliance with all applicable regulations.

6 X 9, 324 pp., Illus., Hardcover
\$102.00 (Price includes \$10 shipping and handling)

TO ORDER, call (770) 925-9558 or complete the appropriate portions of the seminar registration form provided in this brochure. (You may purchase this book without registering for the seminar.) Books ordered via the registration form must be prepaid.