



S.D. Mator

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April 2019

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MEETING AT A GLANCE

DATE: TUESDAY, APRIL 16, 2019

TIME: 4:30 PM—Registration & Waiver Forms
5:00 PM—Site Tour Begins
6:00 PM—Dinner Service Commences
7:00 PM—Program



SITE TOUR: SITE TOUR OF LEGACY
[Parking Info](#) **INTERNATIONAL CENTER**

SITE TOUR HOST AND DINNER SPEAKER:



Suzanne Ives
Senior Project Manager
Clark Construction
Group, LLC

All Participants should bring required PPE (Personal Protective Equipment) -- chin straps, hard hats, safety vests, safety glasses, gloves -- and wear appropriate clothing (closed-toe shoes, no shorts or tank tops).

DINNER CATERED ONSITE BY PHIL'S BBQ

Buffet selections will include baby back ribs, chicken, potato salad, corn on the cob, beans, coleslaw, and rolls. (BBQ garden veggie burgers available for those requiring a vegetarian option.)

COST: Members & Guests – \$45/person
Students (discount) – \$30/person

Cancellations must be received by NOON on Monday, April 15th or no shows will be billed.

RSVP: <http://evite.me/DxT6rR7aak>

MEMBERS AND GUESTS UTILIZING THE
EVITE RESERVATION PLATFORM

MUST PROVIDE THE INDIVIDUAL'S NAME AND
COMPANY NAME FOR EVERY REGISTRANT.

—OR: Paul Chang CPE - 619.513.4399 (cell)
aspechapter4@outlook.com

The Legacy International Centers Mission Valley's Newest Destination and Inspiration

by Lisa Thibodeaux, Construction Experts, Inc.
ASPE San Diego Chapter #4 Programs Chair

Mission Valley is soon to be a tourist destination. The Legacy Center is a 5-building 18-acre "Destination with a Destiny" resort that will bring in visitors from around the world and across the country.

Main attractions

Some of the main attractions include:

- Vision Center/museum 40,582 SF
- 100-foot-long, 16-foot-tall replica of Jerusalem's Wailing Wall designed by Vincent Mudd
- Rock wall-lined catacombs
- 6½ story, 127-room boutique hotel with spa, gym, and other amenities

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Message from the Chapter President by Paul M. Chang, CPE



Paul M. Chang CPE

Dear Friends and Members,

I would like to take this opportunity to thank everyone who came out to support our last ASPE Dinner Meeting Simpson Strong Tie with CA Territory Manager, Ryan Swenson. The entire evening was truly enjoyable. ASPE appreciate the time, effort and skills of the guest speaker. The audience turnout was great & excited.

In today's construction market Levels of the estimate are not well known. Every level of the estimates represents the evolution of the design information and what format we need to present the estimate in the early stages like Unifomat (level 1-2) and CSI Format (level 3-5) for substantial and complete information.

LEVELS OF THE ESTIMATE as a project is proposed and developed, estimate preparation and information will change based on the needs of the Owner, Client, or Designer. These changes will require estimates to be prepared at different levels of detail during the design, with varying degrees of information provided. It should also be noted that within each level of estimate preparation, not all portions of the design will be at the same level of completeness. For example, the architectural design may be at 80% or 90% complete, while the mechanical design is only at 50% complete. This is common through the design process but should be noted in the estimate narrative. The levels of estimate correspond to the typical design process and are considered standard within the industry. These levels are as follows: Order of magnitude (Level One) Schematic or Conceptual Design (Level Two) Design Development (Level Three) Construction Document (Level Four) Bid (Level Five)

I and my Chapter Board of Directors look forward to welcome you all at ASPE, an organization where you will not only polish your professional skills but also become a better Estimator.

Paul M. Chang, CPE

A blue ink handwritten signature of Paul M. Chang, CPE.

Camp NAWIC Opportunities for High School Girls by Frank Young FCPE

A SPE San Diego Chapter #4 provides financial support for NAWIC's Camp NAWIC each year. This summer camp for high school girls, with an interest in design or construction, offers instruction in the basic trades for first-year campers (apprentices), and second-year or advanced campers (journeymen) undertake some type of building project (greenhouses, storage sheds, patio trellises, benches, doghouses, etc.) under the supervision of experienced professionals and college students acting as Project Managers.

The camp runs from Monday, June 17th through Friday, June 21st at the AGC Training Center in San Diego. The best part of the program is the cost to the campers – **entirely free of charge** due to industry sponsors and other fundraising efforts.

High school girls can make application to attend by going to the NAWIC Future Construction Leaders website (SEE [ATTACHED](#) "SAVE THE DATE" FLYER). Previously, we have had a few children of ASPE members sign up for this tremendous opportunity to explore your child's interest in design or construction.



Camp NAWIC 2019

June 17 - 21, 8am-4pm
San Diego, CA 92121

Camp NAWIC is open to girls entering 9th grade and up interested in learning more about a career in construction.

- The Pavilion, 2-story 63,260 SF building with:
 - 500-seat performing arts center
 - TV studio
 - Restaurant
 - Lecture rooms
 - Library
 - Resort style pool
 - Play area
 - Cascading gardens designed by San Diego's Land Lab
 - Prayer center
 - Executive offices
- HIStory Dome motion theater
- Interactive globe featuring 40 interactive touch screens explaining the diverse demographics and political structures found around the world in addition to Cerullo's international evangelism efforts
- A holographic welcome from the founders, Morris and Theresa Cerullo



Who is Morris Cerullo?

Known by his followers as Papa, Morris Cerullo is a Pentecostal minister, healer, and world traveler with outreach in multiple countries around the world, including Korea, India, Britain, Brazil, Nigeria, Indonesia, and many, many more. He is the President of World Evangelism, Inc., and author of over 200 books; trainer to over 5 million Christian leaders.

Design and Redesign

The current architectural team of Gordon Carrier and team from Carrier Johnson + Culture truly re-envisioned the original project in scope, approach, and inspiration. Originally designed with Roman architectural influences spanning a range of 532,000 SF, the current design team eliminated 200,000 SF and included modern design elements, making the buildings look contemporary, clean, and welcoming to all passersby while creating a place and vision that inspired meditation on the principles Cerullo teaches.

The redesign was due to the city's environmental impact report and concerns about traffic congestion among other issues. The traffic concern has been resolved by adding a lane to Hotel Circle South across the entire project length. Cerullo must maintain a count of vehicles that enter the facility's driveway over the first 3 years.

Traffic concerns and solution

Cerullo's response to the city's concerns has been well received and with Carrier Johnson + Culture's approach, the project will be the timeless resort that welcomes visitors to immerse the culture around the grounds and leave their troubles at the door.

[\(cont'd on pg 4\)](#)

Construction features

Each building features deep foundations, cast-in-place concrete, and metal panel canopy and plaster. The vision center and museum features mechanically fastened stone and structural glazing while the pavilion features concrete on metal deck, curtain wall and adhered stone.

In addition to the landscaping and buildings, there is a 4-floor 418-stall parking garage which will hold the central utility plant.

Anticipated opening

The \$160 million project is set to open to the public late 2019, early 2020.



Suzanne Ives

San Diego ASPE Meets with Senior Project Manager Suzanne Ives

The San Diego chapter of ASPE will meet with Clark Construction Project Manager Suzanne Ives for a job walk and in-depth discussion about this well-known and highly anticipated project on Tuesday, April 16, 2019. All attendees must wear PPE and ensure all hard hats have chin straps. Attendees without hard hats with chin straps will not be permitted on the jobsite.

Guest Speaker: Suzanne Ives

Suzanne Ives has a bachelor's degree in Civil Engineering from Vanderbilt University and over 16 years of experience overseeing all phases of multi-million-dollar construction projects in diverse industries including healthcare, hospitality and tenant improvement projects. Ives has a broad background in construction contract scenarios including design-build, GMP and hard bid.

Meal options

Dinner will be catered by Phil's BBQ and includes:

- Baby back ribs
- Chicken
- BBQ veggie burger
- Potato salad
- And more

Members and Guests \$45 per person

Students \$30 per person

Make sure to RSVP by noon on Monday, April 15th.

PARKING is available onsite in the Parking Garage. Enter the project site thru the west gate next to Crust Kitchen/Atwood Hotel. PPE must be worn while walking across the site to Clark's trailers. **Chin straps are mandatory** (and available for purchase at Home Depot), in addition to hard hats, boots, gloves, and vests.

Meeting information at a glance can be found on [page 1](#).

Lisa Thibodeaux, Construction Experts, Inc.
ASPE San Diego Chapter #4 Programs Chair

Ask a CPE: Q & A

Responses from Wrey Farrales, CPE—Senior Cost Manager, HL Construction Management



Wrey Farrales CPE

1. When did you get your CPE certification?

I had my certification on October 15, 2015.

2. What made you take the CPE certification?

I considered acquiring this certificate early on in my career. The title of CPE holds significance and recognizes me as a qualified and competent estimator. The certification process was an essential step in my career development.

This certification demonstrated my commitment to the industry and estimating profession.

3. How is it useful for you to have the CPE certification?

I have highlighted my CPE certificate as a bullet point on my resume. This reflects the highest form of professional recognition.

My resume includes my certificate and affiliations, and I have submitted my resume multiple times on RFP's and proposals, and it has been a part of my success in getting awarded contracts, based upon my resume.

4. What do you suggest to other estimators regarding getting certified?

I would highly recommend other estimators to pursue the CPE certificate, as it shows that you are a committed and highly educated and motivated person. It should build your confidence and reflects personal achievement.

Many companies and government agencies are starting to require these certificates.

5. Brief description of your certification process, estimating life and any other comments?

From my experience, the process was natural flowing as long as you know the basic principles of estimating. During my certification process – I did my review of the bylaws of the organization and all the regulations of doing an estimate. Doing the estimate itself was not too difficult as long as you understand the principle.

I have been fortunate to have worked with many well-known firms, and alongside competent architects and estimators on projects located in the Philippines, Hawaii, and Southern California. I think my certificate has been one small step to solidifying my advancement in the construction industry, and my exposure to award-winning proposals in the gaming, hospitality, education, and healthcare sectors.

If you have any questions, please contact John Heusner CPE (john.heusner@crbusa.com) or Venu Dorapally CPE (venuarch@gmail.com).

Recap Article about the March 2019 ASPE Dinner Meeting: "Strengthening Structures, Empowering Engineers, and Aiding Contractors: Simpson Strong-Tie's Solutions to Industry Problems"



A SPE San Diego Chapter #4 has recently been favored with several representatives from Simpson-Strong Tie attending our dinner meeting programs. With the postponement of Gafcon, Inc.'s presentation on the redevelopment of Seaport Village, we inquired if their company would be interested in serving as our speaker for the March 19, 2019 program. Ryan Swenson, Territory Manager for Southern California, was enthusiastic about the opportunity, and our 9 members and 9 guests in attendance at The Hunter Steakhouse were not disappointed by their appearance and message conveyed to the group.



Frank Young FCPE

The Programs Committee is always concerned that suppliers and vendors do not just deliver a "sales pitch" about their products when putting on a program at our dinner meetings. While Simpson Strong-Tie's three representatives brought a plethora of catalogs displaying the full range of materials available to the construction process, the discussions centered on three videos shown for our benefit and enlightenment about the services provided by their firm to the industry. These videos were both educational and entertaining in communicating the following three subject matters.

We learned about their state-of-the-art testing facility in Pleasanton, CA, located outside of the Bay Area in Northern California. Most interesting was the video about the world's largest Earthquake Seismic Testing Table located north of Kobe, Japan. That complex houses a 65-foot by 49-foot table which can support building experiments weighing over 2 million pounds. (Please refer to [attached Feature Story](#).) Local construction professionals may be aware of the former UCSD shake table in Scripps Ranch to study masonry structures. Simpson Strong-Tie's organization, in concert with other industry partners, constructed a 7-story wood frame assembly using various structural connectors to test the results during a simulated catastrophic disaster. Finally, it is significant to note their firm's involvement in studying why certain buildings were undamaged by Hurricane Michael in Mexico Beach along the Florida panhandle in 2018. The graphic pictures were remarkable in comparing those homes and retail shops built with Best Practices vs. those using less structurally sound components.

We appreciate the efforts of Simpson Strong-Tie's local people in presenting a most informative program. San Diego Chapter #4 looks forward to their continuing support of our activities and becoming active members of the Society.

Frank E. Young, FCPE

ASPE San Diego Chapter #4 Programs Committee

Become an ASPE Newsletter Corporate Sponsor or Advertiser

CORPORATE SPONSOR—\$400/yr Includes following benefits:

- Sponsor Recognition in 12 Monthly Newsletters and on Chapter Website, GIFS Wheel
- Full-Page Sponsor Profile in 1 Issue
- Hot Link to Sponsor's Website or Designed Email Address

INDIVIDUAL BUSINESS CARD AD—\$200/yr

EMPLOYMENT AD:

**\$70 /ad in 1 issue; \$100/ad on website
FREE TO ASPE MEMBERS!**

FOR MORE INFO—CONTACT:

Treasurer: **FRANK YOUNG FCPE**
Cell 619.980.4025; pancho77@cox.net

P.R. Chair: **JOE HERNANDEZ**
619.717.1814;
joehernandez777@yahoo.com



ASPE MISSION STATEMENT

The American Society of Professional Estimators
is dedicated to the promotion of
the profession of estimating and to
the benefit of the construction industry.

[Click here](#) for ASPE's CODE OF ETHICS.

ASPE Membership

An accurate cost estimate is the first of many key components of a successful construction project. Plan interpretation, labor and material costs, scheduling costs, and level of difficulty recognition are a fraction of the skills necessary to become a successful estimator.

Why join the American Society of Professional Estimators? ASPE is the most recognized and credentialed group of construction cost professionals in our nation's construction industry. ASPE provides education, industry information, and fellowship to all levels of our members. It is made up of professionals in the following three member classifications.

- 1- **Estimator:** Shall be an active Construction Estimator in one or more of the construction estimating disciplines.
- 2- **Affiliate Member:** Shall be employed in a construction-related field.
- 3- **Student:** Shall be a full-time student actively pursuing a curriculum leading to a degree or certificate in a construction-related field.

One of the ultimate goals of a member in ASPE is to achieve status as a "Certified Professional Estimator," otherwise known as "CPE." CPE status is recognized by Builders, Government Agencies, joehernandez777@yahoo.com

Developers, and many other Corporate entities as the highest level of qualification as an estimator. Educational training is available to become part of this elite group of professionals.

ASPE San Diego Chapter #4 is perennially recognized as one of the top chapters of the nation's 50 chapters. The local chapter meets on the third Tuesday of each month. This general membership meeting offers education and insight into our industry. Each membership meeting is highlighted by presentations and guest speakers, with information pertinent to our ever-changing industry.

If you would like to become part of this exciting group of professionals, please contact Venu Dorapally CPE at 858.947.5197 or:

venuarch@gmail.com

San Diego Chapter #4 Calendar of Events



◆ **Tuesday, April 16, 2019 (4:30 PM Registration)**
ASPE San Diego Monthly Site Tour Dinner Meeting

Program: Legacy International Center
in Mission Valley

Site Tour Host/ Suzanne Ives, Senior Project Manager
Dinner Speaker: Clark Construction Group, LLC

Jobsite Clark Construction's Legacy
Location: International Center site

The [location](#) is on Hotel Circle South on the south side of I-8 across from the Handlery Hotel, Riverwalk Golf Course, and Town & Country Hotel, and west of Highway 163.

Dinner Catered Dinner by Phil's BBQ
Location: at the Jobsite

◆ **Tuesday, April 30, 2019 (5:30-7:30 PM)**
ASPE San Diego Monthly Board Meeting

Location: Offices of Balfour Beatty
10620 Treena Street, Ste 300, San Diego
(East of I-15, South of Mira Mesa Blvd)

◆ **Tuesday, May 21, 2019 (4:15 PM Registration)**
ASPE San Diego Monthly Dinner Meeting

Program: Future Redevelopment of Seaport Village

Tentative Yehedi Gaffen, CEO
Speaker: GAFCON, Inc.

Location: The Butcher Shop
5255 Kearny Villa Road, San Diego

◆ **Tuesday, June 4, 2019 (5:30-7:30 PM)**
ASPE San Diego Monthly Board Meeting

Location: Offices of Balfour Beatty
10620 Treena Street, Ste 300, San Diego
(East of I-15, South of Mira Mesa Blvd)

◆ **Tuesday, June 11, 2019 (4:15 PM Registration)**
NOTE REVISED MEETING DATE TO SECOND TUESDAY ...
ONE WEEK EARLIER THAN USUAL

ASPE San Diego Monthly Site Tour Dinner Meeting

Tentative Office Tour and Presentation
Program: on Cost Estimating

Office Tour Representatives from
Hosts/Speakers: Cumming Corporation

Location: 15015 Avenue of the Sciences, Ste 160
San Diego (Carmel Mountain)

Dinner Catered Dinner by
Venue: Rubio's Coastal Grille

◆ **Wednesday-Saturday, June 19-22, 2019**
ASPE Annual Meeting and Estimating Summit

Location: Doubletree Hotel by Hilton Kansas City
10100 College Blvd, Overland Park, KS 66210

◆ **Tuesday, June 25, 2019 (5:30-7:30 PM)**
ASPE San Diego Monthly Board Meeting

Location: Offices of Balfour Beatty
10620 Treena Street
Ste 300, San Diego
(East of I-15, South of Mira Mesa Blvd)

◆ **Tuesday, July 16, 2019 (4:15 PM Registration)**
ASPE San Diego Monthly Dinner Meeting

Program: To be determined
Speaker: To be determined
Location: To be determined

◆ **Tuesday, July 30, 2019 (5:30-7:30 PM)**
ASPE San Diego Monthly Board Meeting

Location: Offices of Balfour Beatty
10620 Treena Street
Ste 300, San Diego
(East of I-15, South of Mira Mesa Blvd)



Directory of San Diego Chapter #4 Officers and Directors



TECHNICAL COMMITTEES:

Certification:

Dan Kilcoyne, CPE

Education:

Steve Schraibman, CPE

Standards:

OPEN

STANDING COMMITTEES:

Chapter Awards

Frank Young, FCPE

National Awards

OPEN

Nominations:

OPEN

Communications—

Website:

Paul Chang, CPE

Communications—

Newsletter:

Alicia Kovacs

Finance:

Frank Young, FCPE

Ways & Means:

David Luhm, E

Public Relations/

Calendar:

Joe Hernandez, E

Membership:

Venu Dorapally, CPE

Programs:

Lisa Thibodeaux

OTHER COMMITTEES:

Ethics:

Dan Luckhardt, CPE

Mentoring:

Frank Young, FCPE

Scholarships:

Dan Luckhardt, CPE

Outreach:

Paul Chang, CPE

2019-20 Chapter Officers

Office	Officer	Phone	Fax	Email
President	Paul Chang, CPE Balfour Beatty	858.635.7464 619.513.4399-C		aspechapter4@outlook.com
1st Vice-President	Steve Schraibman, CPE Arcor-Inc.	858.481.4494 619.252.4941-C	858.481.4146	steve@arcor-inc.com
2nd Vice-President	Dan Luckhardt, CPE Swinerton Builders	619.291.4600 858.342.8017-C		dluckhardt@swinerton.com
3rd Vice-President	OPEN			
Secretary	David Luhm, E Countywide Mechanical	760.238.3355-C		dluhm@countywidems.com
Treasurer	Frank E. Young, FCPE Ramos Consulting Svcs	619.440.5517 619.980.4025-C	619.401.7545	pancho77@cox.net
Immediate Past President	Michael Moyers, CPE Best Interiors, Inc.	858.737.7316 619.843.6962-C	858.737.7317	michael.moyers@bestinteriors.net
Executive Administrator	Margy Ashby	619.749.1890 619.593.9988 619.302.3257-C	619.839.3817	info@aspechapter4.org asped4@gasvcs.net

2019-20 Chapter Board of Directors

Director	Phone	Fax	Email
Venu Dorapally, CPE Kitchell Contractors, Inc.	858.947.5197		venuarch@gmail.com
Joe Hernandez, E Kitchell Contractors, Inc.	619.717.1814		joehernandez777@yahoo.com
Dan Kilcoyne, CPE California Panel Systems	619.562.7010		dan@calpanelsystems.com
Alicia Kovacs Nielsen Construction Ca.	619.820.3057-C	619.795.0042	akovacs@nielsencc.com

CONTACT ASPE SAN DIEGO CHAPTER

Phone: 619.749.1890 Email: info@aspechapter4.org

Chapter Website: aspechapter4.org National Website: aspenational.org

Feature Stories

[Full-Scale Building Tests on World's Largest Earthquake Shaking Table](#)



Located just north of Kobe in Miki City, Japan, the E-Defense shake table measures approximately 65 by 49 ft. and can support building experiments weighing over two million pounds.

Jan. 30, 2014

Tremors lasted only 20 seconds during the disastrous 1995 Kobe earthquake. However, the city was close to the epicenter and hit by the strongest tremors, causing casualties in the thousands and over \$150 billion in damage. Even though the Japanese government increased its spending on earthquake-resistant building structures and disaster prevention planning has improved, many questions remain.

Assistant Professor [Wassim Ghannoum](#) is working with Japanese investigators at the National Research Institute for Earth Science and Disaster (NIED) E-Defense shake table facility to advance research on preventing structural system failures. The E-Defense (Earth-Defense) is the world's largest earthquake shaking table and can support real-life building specimens weighing up to 2.5 million pounds.

In 2010, two full-scale, four-story reinforced concrete (RC) buildings were tested under increasing multi-directional seismic excitations to near collapse. The ground motions used were recorded during the devastating 1995 Kobe earthquake. This test series is the only one to date in which full-scale, multi-story RC buildings were subjected to all components of recorded ground motions to near collapse damage states. Ghannoum, other U.S. researchers, and Japanese investigators collaborated on the design and instrumentation of the building specimens which took place at the facility.

The test program intends to shed light on the full system-performance of modern buildings built in accordance with today's seismic design codes and find ways to improve the safety and damage-resilience of such structures when subjected to extreme earthquakes.

[WATCH VIDEO](#) of full-scale concrete buildings under extreme earthquake shaking on world's largest multi-directional shaking-table.

[WATCH VIDEO](#) of reinforced concrete buildings subjected to ground motion.

The results showed severe damage of shear walls and beam-column joints and loss of integrity. Even though these structural systems were designed according to current earthquake engineering practice, the team's observations raised serious questions about current seismic design codes and construction practices.



Severe damage observed in first-floor joints indicates that improved design code requirements are needed.

Since the shaking table tests produced a wealth of data from which lessons can be learned, Ghannoum is now tasked with performing in-depth analyses. His current National Science Foundation (NSF) funded project “Behavioral and Analytical Investigations of E-Defense Shaking Table of a RC Structure” aims to uncover the causes of this performance and provide recommendations for improvements in analysis and design practices.

“The project focus is on understanding the behavior of modern reinforced concrete buildings during extreme earthquakes and advancing simulation capabilities that are critical to the design process. We now have a good handle on the behavior of the tested structures and are currently evaluating the accuracy of advanced analytical models. The end goal is to propose our own analysis tools that best simulate the seismic behavior of reinforced concrete buildings,” says Ghannoum.

As the project's PI, Ghannoum's objectives are to assess the validity of current behavioral knowledge and design codes in light of the experimental program, assess the accuracy of the current analytical methods for this common type of structure, and to recommend improvements on behavioral and analytical fronts.

In addition to strengthening ties with E-Defense researchers, he will also incorporate new knowledge into his graduate course which covers the behavior of reinforced concrete structures. Civil engineering graduate student and teaching assistant Jinhan Kwon is also working with the team.

Ghannoum is the chair of the American Concrete Institute's committee on Seismic Repair and Rehabilitation, and was on EERI's committee coordinating technical assistance to Haiti.

Certification and Professional Development Units (PDUs)

Your Certification Committee came together to write this article outlining the four (4) Professional Development Unit (PDU) Categories. We had the intent to point out just how easy it is to acquire 30 PDU credits each year.

Professional Development Units (PDUs) are simply a validation that we, as Certified Professional Estimators, are actively fulfilling our responsibilities to our fellow CPEs and to the cost estimating profession. This is a benefit to each of us, our Society, and those we serve.

ASPE may require more PDUs than other comparable organizations; however, we also offer more opportunities to obtain PDU credits. Remember, to fulfill the CPE Renewal requirements, PDUs must be earned in more than one Category. The following outline describes each Category.

CATEGORY 1: CONTINUING EDUCATION/TRAINING

If you have attended a workshop, seminar, educational class, or informative meeting that is relevant to Estimating, you will meet the requirements of Category 1. The majority of activities in this Category earn you 0.5 to 1.0 PDU credit per hour of attendance.

Examples

- **Webinar/DVD/Webcast:** If you are learning and attend for 2 hours, 1 PDU credit is earned
- **Lunch & Learn:** If you are learning and attend for 2 hours, 1-2 PDU credits are earned
- **Academic Courses/College or Trade School** (online or in person): 2 hours of coursework earn you 2 PDU credits

CATEGORY 2: AUTHORSHIP, PRESENTATION, TEACHING

If you wrote an article for a periodical, paper or book; if you delivered a presentation; or if you served as an instructor for an industry-related course, you will earn at least 1 PDU per hour. Remember, in this category, you are also able to claim equal credit for your prep time.

- Reviewing Technical Paper(s) for Candidates in the Certification Program will earn you 4 PDU credits
- If you create a blog and submit it to the SBO and it is published, you will earn 0.25 PDU credits for each published blog.
- Instructing or teaching a class or presentation on estimating.

CATEGORY 3: PROFESSIONAL ORGANIZATIONAL ACTIVITIES

Do you have an industry related certificate or license, perform in a leadership role in your Chapter or Region, or serve on an industry related professional committee? This Category also includes ASPE Chapter Meetings, attendance at Regional Meetings, and participation in Summit activities.

- Attendance and participation in Chapter/Regional or ASPE sponsored meeting, workshops, etc. will earn you 1-3 PDUs depending on the time and level of participation or educational opportunity.
- Professional Membership with other industry related organizations (examples, AACE International, CSI) will earn you 1 PDU per active membership.
- Elected leadership role for Chapter or other ASPE organizations can be 3-5 PDUs annually.

CATEGORY 4: OTHER PROFESSIONAL ACTIVITIES

If you are more community minded and share your estimating knowledge and skills in your community, you will be awarded PDUs for court mediation, awards of professional excellence, and volunteering.

- Community volunteer work (relevant to estimating) provides you 1 PDU per hour.
- Media interview, source of press release (live or in print, relevant to estimating) earns you 1 PDU per instance, published article.
- Volunteer job training activities related to the estimating profession earn you 1 PDU per hour.
- If you support a CPE Candidate and act as a proctor for their GEK or DST Exam, you will earn 2 PDU credits per exam that you proctor.

For questions or assistance, please contact Certification@ASPEnational.org. The Certification Team will be happy to guide you through the process.

2018 CERTIFICATION PROGRAM CHANGES

Effective 07/01/2018

The ASPE Board of Directors, together with the Certification Committee, has unanimously approved the following updates/changes to the ASPE Certification Program.

● CPE Candidate: Fails – 2 Attempts / Carry-Forward Passing Grade(s) to Reapplication

- ▲ **Approved:** Candidate will be allowed to carry-forward Passing Grade(s) and re-take failed/or incomplete portion of the Certification Program ONLY if ...
 - Candidate reapplies in 6-12 Months from the month that the fail occurred AND
 - Candidate must complete the failed/or incomplete portion within three (3) months from the re-application acceptance date
- ▲ **Note:** DST Part 1 and DST Part 2 are separate tests but are weighted as 1 item. If Candidate fails either Part of the DST Exam, both Part 1 and Part 2 must both be retaken
- ▲ **Note:** Candidate must earn a score of 70% on DST Part 1 and DST Part 2 of the DST Exams
- ▲ Incentive for Applicant to reapply and continue in the Certification Program toward CPE designation

● CPE Candidates: Fails – 2 Attempts / Requires 6-Months Waiting Period prior to Reapplication

- ▲ **Approved:** Offer \$100 Credit to Application Fee if Candidate reapplies in 6-12 Months
- ▲ Incentive for Applicant to reapply and continue in the Certification Program toward CPE designation

● PDU Requirements

- ▲ **Approved:** Reduce from 30 PDUs to 24 PDUs Annually
- ▲ PDUs do not carry over into subsequent years
- ▲ **Effective Date:** Cycle Start Date 01/01/2019

● CPE Renewal Period

- ▲ **Approved:** Annual Renewal vs every 3-years
- ▲ **No Change in Fees/Renewal Fees:** \$50 Annually
- ▲ **Effective Date:** Scaled/Beginning with 2018 Cycle Renewals
 - 2018 Renewals/Extend 5 Months from 07/31/2018 Cycle End to a 12/31/2018 Cycle End
 - 2019 Renewals/Extend 5 Months from 07/31/2019 Cycle End to a 12/31/2019 Cycle End
 - 2020 Renewals/Extend 5 Months from 07/31/2020 Cycle End to a 12/31/2020 Cycle End

● CPE Renewal Date

- ▲ **Approved:** Adjust to Annual Cycle End Date of 12/31
- ▲ Coincide with Membership Renewal
- ▲ **Effective Date:** Scaled/Beginning with 2018 Cycle Renewals
 - 2018 Renewals / Extend 5 Months from 07/31/2018 Cycle End to a 12/31/2018 Cycle End
 - 2019 Renewals / Extend 5 Months from 07/31/2019 Cycle End to a 12/31/2019 Cycle End
 - 2020 Renewals / Extend 5 Months from 07/31/2020 Cycle End to a 12/31/2020 Cycle End

● CPE On-Time Renewal: Cycle End Date vs Expiration Date

- ▲ **Approved:** Dates to be the Same
 - No longer 12-Month Grace Period to submit PDUs

▲ **Only a 30-Day Grace Period for Renewal (for submission of PDUs)**

▲ After 30-Day Grace Period Expires = Late Renewal or Reactivation will be required

▲ **Effective Date:** Scaled/Beginning with 2018 Cycle Renewals

- 2018 Renewals/Extend 5 Months from 07/31/2018 Cycle End to a 12/31/2018 Cycle End
- 2019 Renewals/Extend 5 Months from 07/31/2019 Cycle End to a 12/31/2019 Cycle End
- 2020 Renewals/Extend 5 Months from 07/31/2020 Cycle End to a 12/31/2020 Cycle End

● **CPE: Late Renewal Fees**

▲ **Approved:** \$50/Calendar Month Penalty until required PDUs are submitted

▲ **Effective Date:** Cycle Start Date 01/01/2019

● **CPE Reactivation**

▲ **Approved:** \$1,500 Reactivation Fee

▲ **Approved:** This is a one-time only option available to a CPE

▲ **Must occur within 2-Years after Cycle End Date**

▲ No PDUs required during Reactivation

▲ **After Reactivation, PDU requirements will continue in order to maintain CPE Certification**

▲ **Effective Date:** Cycle Start Date 01/01/2019

● **CPE Lifetime Status**

▲ **Approved:** With CPE Renewal accomplished Annually, Lifetime Status will require 14 consecutive On-Time Renewals (= 15 Years as CPE in good standing with Membership in Good Standing)

▲ Time starts over at 0 Years as CPE, if/when a CPE has been Revoked or granted Amnesty

▲ **Implementation:** Application review required by Certification Team



ASPE CORE PURPOSE

ASPE is the construction industry's leader and recognized authority in professional estimating through excellence in Education, Certification, and Standardization.

ASPE CORE VALUES

Education:

ASPE educates and mentors professional estimators for the sustainability of the construction industry.

Professionalism:

ASPE promotes the lifelong pursuit of excellence and credibility in professional estimating.

Fellowship:

ASPE develops a fellowship of professional estimators that connects and leads the construction industry.

CALLING ALL GIRLS Grades 8-12

Hands-on Construction Camp

JUNE 17—June 21, 2019

8am—4pm



at: Associated General Contractors
Apprenticeship Training Facility
6212 Ferris Square, SD 92121

The National Association of Women in Construction is ramping up for Camp NAWIC 2019. Join us for a FREE, week-long summer day camp.

Attendees have the opportunity to build take-home projects from the lessons in carpentry, electrical, solar energy, plumbing, and sheet metal. Operating heavy construction equipment and surveying are two of the favorite activities! Ladies, have fun with your friends for a whole week!

At graduation on Friday, you and your parents are invited for a barbeque lunch and a grand celebration!

Learn more/Register at <http://bit.ly/CampNAWIC>

