

ST. LOUIS ENGINEER

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P R E S I D E N T ' S M E S S A G E



On October 29th to 30th the Missouri Society of Professional Engineers (MSPE) hosted the 16th Annual Fall PDH Days. The event, held at the Capitol Plaza Hotel in Jefferson City, featured a range of speakers and was well attended with many MSPE Chapters represented. Originally the event was organized to allow Professional Engineers from throughout the state a chance to gain needed Professional Development Hours (PDH's). So in addition to being a great chance to catch up with old and new friends this is just one obvious way in which MSPE enhances and protects engineering licensure.

Included in the Fall PDH Days agenda were presentations on regulations both as they impact the work engineers do but also the profession itself. This included presentations on legal issues surrounding riparian boundaries, environmental regulations and recent and pending legislation. A prime example is SB463, the "Software Tracking Bill," which would have required companies with state contracts to use computer tracking software. The intent of the bill seemed benign enough, allowing accurate billing, but cursory inspection showed the bill to be an invasion of privacy and a cumbersome and inaccurate way to achieve the desired result. Additionally, the bill was being pushed nationwide by a single company, the software manufacturer. Likely without many of us knowing MSPE fought this poorly designed bill.

In yet another example at the national level the National Society of Professional Engineers (NSPE) bolstered its efforts to protect professional licensing with the creation of the Alliance for Responsible Professional Licensing (ARPL), a new coalition of advanced professions dedicated to informing lawmakers and the public of the importance of rigorous professional licensing standards. In this partnership, NSPE is leading the charge to educate policymakers on the importance of maintaining standards for complex technical professions like engineering that have a clear impact on public health, safety and welfare.

So in these many ways MSPE and NSPE have continued their ongoing efforts to provide service to members and defend the engineer's license. "Advanced professions like [engineering] already have licensing models that work, making it possible for our engineers to move from one state to another and have their licenses acknowledged," said NSPE Executive Director Mark Golden. "This is only possible because well-structured licensing systems have established consistency in qualifications and standards within our profession. This uniformity establishes a baseline of trust in the qualifications of our engineers to do their work and keep the public safe."

For these reasons and more I am happy to be a member of both MSPE and NSPE and appreciate the work they do. If you are already an active member, or just looking to find out what MSPE can offer, I urge you to join us for a Joint Luncheon with ASCE on Tuesday, November 12, 2019, at the Engineering Center, 4359 Lindell (further details are in this newsletter). We will be learning even more about current stormwater permitting requirements from a knowledgeable local source.

Essayons! (Motto of the U.S. Army Corp of Engineers, Let Us Try!)
Michael T. Buechter, PE, D.WRE, F.EWRI, 314-768-2772 or mtbuecc@stlmsd.com.

I N S I D E T H I S I S S U E . . .

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Missouri Society of Professional Engineers - St. Louis Chapter

2019-2020 Calendar

Nov-19						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Jan-20						
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Mar-20						
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29	30	31				

Dec-19						
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29	30	31				

Feb-20						
S	M	T	W	T	F	S
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16	17	18	19	20	21	22
23	24	25	26	27	28	29

Apr-20						
S	M	T	W	T	F	S
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

- Kickoff Meeting Chapter/Foundation Board Meeting
- Chapter/Foundation Board Meeting
- Newsletter Deadline for Article Submittals, President's Message, Program Information, Etc.
- Tentative Program Dates
- 2020 Eweek
- Missouri Engineer Article Deadline Dates

Potential Programs, potential 3rd Thursday of the month:

- September: 19th - Morning - MSPE Workshop (Buechter)
- October: Bye
- November: Joint Meeting with ASCE, JTP from MSD on MS4 (Buechter)
- December: Christmas light tour (French)
- January: Joint meeting with MWEA, water regulation (Losli)
- January: MSPE sponsors MSD CIRP outreach (Buechter)
- February: 21st - Awards Dinner (Green)
- March: TBD
- April: TBD



CALL FOR NOMINATIONS - SOUGHT FOR AWARDS

Please consider nominating a fellow member, colleague, customer or company for one or more of the St. Louis Chapter's Awards this year. The awards will be presented at the annual Engineers Week Awards Banquet. Deadline for submitting nominees and applications is the December 14th, 2019. Nominations should include resume, biographical sketch or completed application form.

A full list of past award winners, award descriptions and specific qualifications is available on the website <http://mspe.org/content.php?page=St. Louis Chapter> under "St. Louis Chapter History".

Questions or nominations should be directed to Awards Committee Chair, Bently Green, at greenb2@bv.com

Engineer of the Year

- PE in Missouri
- Membership in MSPE/NSPE *is not* required

Young Engineer of the Year

- Age 34 or younger as of January 1, 2019
- Membership in MSPE and NSPE *is* required

Outstanding PE In Government

- PE in Missouri
- Membership in MSPE/NSPE *is not* required

Outstanding PE Private Practice

- PE in Missouri
- Membership in MSPE/NSPE *is not* required

Outstanding PE in Construction

- PE in Missouri
- Membership in MSPE/NSPE *is not* required

Outstanding PE in Industry

- PE in Missouri
- Membership in MSPE/NSPE *is not* required

Outstanding Professional Engineer in Education

- PE in Missouri
- Membership in MSPE/NSPE *is not* required

Qualifications-Based Selection (QBS)

- Company award

Private Practice Professional Development (PPPD)

- Company award

Important Save the Dates



SAVE THE DATES

CELEBRATING ENGINEERING WITH NATIONAL ENGINEERS' WEEK

TUESDAY, FEBRUARY 18TH, 2020
LUNCHEON EVENT
CLAYTON PARK PLAZA
7750 CARONDELET AVENUE
CLAYTON, MISSOURI 63105

WEDNESDAY, FEBRUARY 19TH, 2020
DISCOVERY FAIR AT THE ENGINEERING CENTER

FRIDAY, FEBRUARY 21ST, 2020
CAREER FAIR AT THE ENGINEERING CENTER

FOR MORE INFORMATION PLEASE CONTACT
GINA FALVEY AT GINA@ENGINEERSCLUB.NET OR 314.533.9333

ADVERTISEMENT OPPORTUNITY!



Are you looking to advertise your business in the St. Louis area to a focused group of Engineers?

Look no further than the MSPE—St. Louis Engineer Newsletter!

Your company or message will be directly connected to hundreds of Engineers in the Greater St. Louis Area in various companies and industries.

If you are interested, contact Adam Zuroweste at azuroweste@burnsmcd.com

**YOUR
AD
HERE**



Deadline for Registration:

January 23th, 2020

How to Enroll – 4 Ways to Register:

1. **Online** – To register online, go to www.stchas.edu/learnforlife
2. **By Mail** – Complete the registration form, attach your check or money order, and mail to:
SCC, Division of C&CD
4601 Mid Rivers Mall Dr., HUM 103
Cottleville, MO 63376-2865
3. **In Person** – Walk into 103 HUM with completed registration form and payment.
Registration hours:
 - 8 a.m. – 5:30 p.m. Mon-Thurs.
 - 8:30 a.m. – 4:00 p.m. Fridays
 - After-hours drop box in HUM hallway
4. **By Phone** – Call 636-922-8233 during the hours listed above. Telephone registration: VISA, Discover, and MasterCard only accepted as payment.

Name: _____

Address: _____

City, State, Zip: _____

E-mail: _____

Date of birth: _____

Home Phone: _____

Work/Cell Phone: _____

Registration Fee:

\$550 for MSPE & SAME members

\$600 for ASCE, ASME, ASHRAE & IEEE members

\$650 for non-members

Circle one (if applicable):

MSPE / SAME / ASCE / ASME / ASHRAE / IEEE Member

Member Number: _____

- Civil Engineering Refresher
- Mechanical Engineering Refresher
- Electrical Engineering Refresher

SCC
ST. CHARLES COMMUNITY COLLEGE
Division of Corporate & Community Development
Humanities Building, Room 103
4601 Mid Rivers Mall Drive
Cottleville, MO 63376-2865

Professional Engineer Refresher Course



Presented By



Professional Engineer Refresher Course

These review courses are geared toward helping participants pass the Professional Engineer (P.E.) license exam. Spring classes will be held in the fields of:

Civil- *Water Resources, Geotechnical; Transportation, Construction, Structural; Mechanical-Mechanical Systems/Materials, Hydraulics & Fluids, Energy & Power Systems, HVAC/Refrigeration;* and Electrical-*Power*

Course fee includes a three-ring binder, lecture notes, certificate of completion, and CEU's.

It is recommended that participants purchase their discipline's desk reference manual prior to the first class. Desk reference manuals can be obtained by going to the following website:

<http://ppi2pass.com>



2019 Spring Schedule

Classes are scheduled to meet on the following Saturday mornings from 8:00 a.m. – noon:

Jan. 25

Feb. 01

Feb. 08

Feb. 15

Feb. 22

Feb. 29

Mar. 07

Mar. 21 (for Civil and/or Make-up)

Report to Room 2 08 of the Humanities Building (HUM) on the campus of St. Charles Community College. Park in the Yellow Lot. *Class dates and times are subject to change.*

Registration Fee

MSPE & SAME Members\$550

ASCE, ASME, ASHRAE, & IEEE.....\$600

Non -Members\$650

Proceeds of the course go toward the MSPE Scholarship Fund.

**DEADLINE:
January 23, 2020**

Register by mail, online, or phone
(See back of this panel for details.)

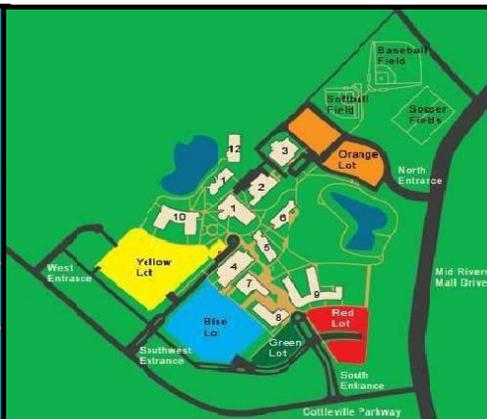
Course content inquiries should be directed to

Lisa Cheng, P.E.

(314) 425-8355 or

lisa.cheng@hdrinc.com

HOW TO LOCATE THE COLLEGE & CAMPUS BUILDINGS



1. College Center
2. Campus Services
3. Child Development Center
4. Fine Arts Building
5. Humanities Building
6. Technology Building
7. Learning Resource Center – Library
8. Student Center
9. Administration Building
10. Social Sciences Building



ST. CHARLES COMMUNITY COLLEGE

www.stchas.edu



MISSOURI SOCIETY OF
PROFESSIONAL ENGINEERS

MSPE St. Louis Chapter Scholarship Program

Engineering Scholarships Available to Graduating High School Seniors

The funding for the scholarships described herein is provided by the Missouri Society of Professional Engineers St. Louis Chapter.

This scholarship is provided for graduating high school seniors who have a genuine interest in engineering. Please read the instructions carefully and fulfill all of the requirements. Should you have questions that your parent, guidance counselor or principal cannot answer, please contact Kathy French, P.E., St. Louis Chapter Scholarship Committee Chair at kfrench@LSPower.com or 314-580-2738. The scholarship form is also available from a St. Louis MSPE Chapter officer or by emailing kfrench@LSPower.com.

Eligibility Requirements for St. Louis Chapter Scholarship:

- 1) Be a high school senior
- 2) Be a citizen of the United States at the time of application
- 3) Have at least a 3.0 grade point average (based on a 4.0 scale) for the 10th and 11th grades.
- 4) Have at least a minimum score on the American College Testing Program (ACT) test of 29 in Math and 25 in English.
- 5) Must enroll in an engineering program that has been accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET-EAC) at one of the following state institutions or a Pre-Engineering Program at a Missouri College or University that has a working agreement to transfer credits with one of the named schools listed below.
- 6) Reside in the City of St. Louis or one of the following Counties: Franklin, Jefferson, Lincoln, St. Louis, St. Charles, or Warren

Types of Scholarships

The MSPE St. Louis Chapter will award two Scholarships of \$1,000 each to the highest scoring applicants. These scholarships are awarded to high school seniors preparing to attend one of the following Missouri schools of engineering or a Pre-Engineering Program at a Missouri College or University that has a working agreement to transfer credits with one of the named schools listed below:

College of the Ozarks, Point Lookout, MO

Southeast Missouri State University, Engineering Physics Program (BS), Cape Girardeau, MO

Southwest Missouri State University, Computer Science (BS), Springfield, MO

St. Louis University, Parks College of Engineering & Aviation (AE, EE, ME), St. Louis, MO

Truman State University, Pre-Engineering 2-year Program (University of Missouri System), MO

University of Missouri-Columbia, College of Engineering, Columbia, MO

University of Missouri-Kansas City, School of Engineering, Kansas City, MO

Missouri University of Science and Technology, School of Engineering, Rolla, MO

Missouri University of Science and Technology, Energy, and Earth Resources, Rolla, MO

University of Missouri St. Louis/Washington University Joint Undergraduate Engineering Program Washington University, School of Engineering and Applied Sciences, St. Louis, MO