

MEMPHIS-AREA JOINT ENGINEERS COUNCIL

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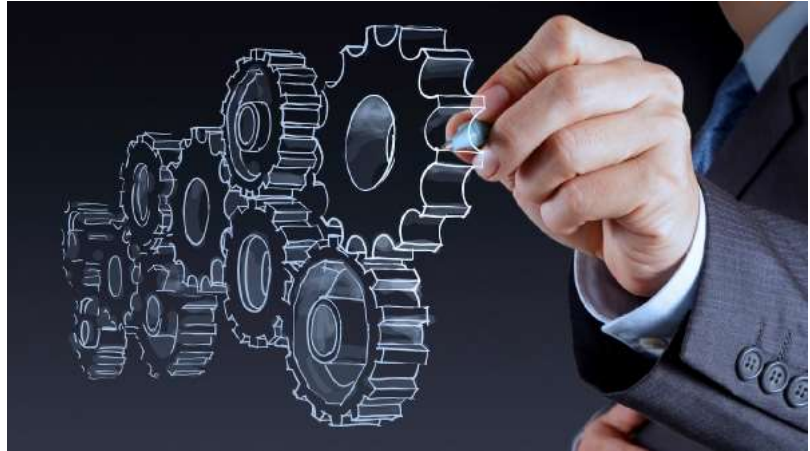
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Picture Credit: <http://www.lahabracity.com/232/Engineering-Division>

Welcome to MJEC!

Memphis-Area Joint Engineers Council (MJEC) is an umbrella organization for

Past Chairman:	Harvey Matheny (ACEC)	hmatheny@pickeringfirm.com
Chairman:	David Wu (ASQ)	david.w.wu@medtronic.com
Vice Chairman:	Gene McGinnis (CBU)	gene.mcginis@cbu.edu
Treasurer:	Harlon Mills (ASQ)	harlonr@comcast.net
Secretary:	John Buxton (ECM)	jlboxton@aol.com
2017 Student Contest Chair:	Harvey Matheny (ACEC)	hmatheny@pickeringfirm.com

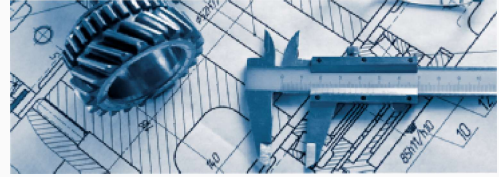
Last Revision: December 4, 2016

Website Feedback: pong@cbu.edu

MEMPHIS-AREA JOINT ENGINEERS COUNCIL

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Member Organizations



Picture Credit: <http://nelsonengrco.com/engineering-opening/>

- **American Council of Engineering Companies - ACEC** (Reps: Heather & Harvey Matheny)
- **American Society of Civil Engineers - ASCE West TN Branch** (Reps: Wesley Goodnight, Matt Odom, Nicole Craven, and Larkin Myers)
- **American Society of Heating, Refrigeration, and Air Conditioning Engineers - ASHRAE Memphis Chapter** (Reps: Greg Brown)
- **American Society of Mechanical Engineering - ASME** (Rep: Bruce Harman)
- **American Society of Plumbing Engineers - ASPE** (Rep: Alan Ottis)
- **American Society of Quality - ASQ Section 1100** (Reps: Derrick Mason, David Wu, Harlon Mills, and Jeremy Black)
- **Christian Brothers University - CBU School of Engineering** (Rep: Gene McGinnis and Pong Malasri)
- **Engineers Club of Memphis - ECM** (Reps: John Buxton and Solomon Akinduro)
- **Illuminating Engineering Society of North America - IESNA** (Rep: Tom Stoll)
- **Institute of Electrical and Electronics Engineers - IEEE Memphis Section** (Rep: Renee Stoll)
- **Institute of Industrial Engineers - IIE** (Rep: Ryan Groves and Hyung Lee)



Memphis Area Joint Engineers' Council
2016 -2017 Calendar
10/17/16

September 7, 2016	Monthly Meeting – Development of Calendar
September 28, 2016	Send out October meeting reminder via email
September 30, 2016	Send out Dues Invoices
October 5, 2016	Monthly Meeting – Approval of Calendar
October 26, 2016	Send out November meeting reminder via email
November 2, 2016	Monthly Meeting – Contest Chairman to present Plan for Student Contest
November 14 2016	Secretary distributes school contact information
November 15, 2016	Initiate individual contact with schools re: Student Contest.
November 28, 2016	Send out Request for Selection – Featured Engineers, Featured Engineering Students.
	Send out Request for Nominations M JEC Award of Excellence
November 30, 2016	Send out December meeting reminder via email
November 30, 2016	“Past Due” Dues Notice Sent Out
December 7, 2016	Monthly Meeting - Preliminary Engineers' Week Plans, Student Contest Progress Report
December 14, 2016	Complete individual contact with schools re: Student Contest.
December 25, 2016	Merry Christmas
December 30, 2016	“Final” Dues Notice Sent Out
January 4, 2017	Send out January meeting reminder via email
January 1, 2017	Reminder for Featured Engineers and Award of Excellence
January 11, 2017	Monthly Meeting (Engineer Week information available)
January 25, 2017	Send out February meeting reminder via email
January 30, 2017	Deadline for Nominations – MJEC Award of Excellence
January 30, 2017	“Council Membership Inactive” Notices sent out for unpaid dues
February 1, 2017	Monthly Meeting – Final Plans for Engineers' Week. Invite ECM and TSPE to come for final coordination. PIZZA
February 3, 2017	Deadline for Selections– Featured Engineers, Featured Engineering Students
February 4, 2017	MathCounts at Southwest
February 17, 2017	Deadline for Student Contest registration
February 21, 2017	Order or the Engineer Luncheon at the Fogleman Executive Center
February 22, 2017	Engineer's Week Luncheon by ECM – MJEC to present Featured Engineers and Award of Excellence at the U of M Holiday Inn.
February 22, 2017	Send out March meeting reminder via email
February 23, 2017	Engineer's Week Mid-Week Banquet by TSPE – MJEC to recognize Featured Engineering/Engineering Technology Students at the banquet.
February 25, 2017	Student Contest
March 1, 2017	Monthly Meeting – Critique of Engineers Week. Appoint Audit Committee
March 29, 2017	Send out April meeting reminder via email
April 5, 2017	Monthly Meeting - Officer Nominations
April 26, 2017	Send out May meeting reminder via email
May 3, 2017	Monthly Meeting - Audit Committee Report and Election of Officers.

THIS CALENDAR WAS APPROVED AS CORRECTED AT THE 11/2/16 MEETING

Memphis-Area Joint Engineer's Council
Monthly Meeting
October 5, 2016



APPROVED MINUTES

Call to Order: Chairman Wu called the meeting to order at 4:05. Others present were: McGinnis, Smith, Jones, Ventura, Fields, Mills, Matheny, Sykes, Maulden, Tomeh, R. Stoll and Buxton. Lenwood Fields was the new U of M representative, and Trenika Maulden was an additional NSBE representative.

Secretary's Report: The minutes of the 4/6/16 meeting were reviewed and approved as presented.

Treasurer's Report: Treasurer Mills reported dues invoices were emailed o/a 9/20/16 and that eight organizations had paid to date. Funds currently available were \$3,573.53. The report was approved as presented. Mills stated that he would need to be replaced as he was leaving the area by 12/31/16.

Old Business

Installation of Officers: Chairman Wu introduced McGinnis, Mills, Matheny and Buxton as the 2016 – 2017 officers identified in 4/6/16 minutes.

Audit Report: The 3/28/16 report was distributed. There were no questions. The report was approved as presented.

New Business

Engineers Week (February 19 – 25, 2017): Dates were established as follows:

Math Counts Date: February 4, 2017

Order of the Engineer Luncheon: February 21, 2017

Engineers Week Grand Luncheon Date: February 22, 2017 at U of M Holiday Inn with speaker Henry Turley.

TSPE Banquet: February 23, 2017 at CBU. Speaker TBD.

Student Contest Date: February 25, 2017. Southwest confident of the ~~that~~ date.

Secretary Buxton said the calendar would be presented for approval at the November meeting.

Student Contest School Participation: Chairman Wu expressed the need for representatives' organizations to encourage participation in the Student Contest. Secretary Buxton said the school assignments would be made in early November.

Dates for Award of Excellence Nominations and Call for Featured Engineers: Moving the call dates forward was discussed. The consensus was these matters would be considered in January regardless of the call date.

Treasurer Position: Stoll said she would resume as Treasurer at a date to be determined.

Adjournment

The meeting was adjourned at 4:42. The next meeting will be at 4 PM on 11/2/16 in Room N-241 of the Nolan Engineering Building on the CBU Campus.

These minutes were approved as corrected at the 11/2/16 meeting.

John L. Buxton

Secretary

Memphis-Area Joint Engineer's Council
Monthly Meeting
November 2, 2016



Minutes

Call to Order: Chairman Wu called the meeting to order at 4:07 pm. Others present were McGinnis, Smith, Jones, Ventura, Fields, Mills, Matheny, Sykes, Kendall, Stoll R, Stoll T, Black and Buxton. Jeremy Black was the new ASQ representative.

Secretary's Report: The minutes of the October 5, 2016 meeting were reviewed and approved as corrected.

Treasurer's Report: Treasurer Mills reported that 12 organization had paid dues. One additional check was presented at the meeting. Funds on hand totaled \$4,573.73. The report was approved for future audit as presented.

Old Business

Planning Calendar: The calendar was reviewed and accepted as corrected.

Engineers' Week Update: There was no additional information.

New Business

"Grape for Geeks": A \$200.00 donation was approved for the CBU ASCE Student Chapter for this event.

Award of Excellence Guidelines: There were no changes to the guidelines.

Student Contest Announcement: Both the normal announcement and the surveymonkey version were reviewed. Grade numbers were to be dropped leaving only Middle and High School designations. The Secretary will provide the school contact information as per the calendar. Initial contacts should be made before the Christmas break about 12/14/16.

Call for Award of Excellence Nominations: 11/28/16: Due **1/30/17**. Secretary responsible.


Call for Featured Engineer and Student Selections: 11/28/16: Due **2/3/17**. Vice Chair responsible.

Other: The SAME will hold a luncheon on 12/14/16. All organizations are invited to participate. A prominent individual will be the speaker.

Adjournment

The meeting was adjourned at 4:47 pm. The next meeting will be on 12/07/2016, in Room 241, Nolan Engineering Building on the CBU Campus at 4 pm.

These minutes were approved as corrected at the 12/7/16 meeting.


Secretary

Memphis-Area Joint Engineer's Council
Monthly Meeting
December 7, 2016



Minutes

Call to Order: Chairman Wu called the meeting to order at 4:10 pm. Others present were McGinnis, Jones, Ventura, Fields, Kendall, Black and Buxton.

Secretary's Report: The minutes of the November 2, 2016 meeting were reviewed and approved as corrected.

Treasurer's Report: Treasurer Mills was not present. The financial report indicated that 14 organizations had paid dues. The only expense was the \$200 donation to Grape for Geeks as approved at the November meeting. Funds on hand totaled \$4,573.73. Transfer of treasurer responsibility is planned for December. The report was approved as corrected for current representatives.

Old Business

School Contact Lists: Assignments have been sent to representatives with Student Contest Announcement on 11/10/16. Revised announcement was sent on 11/11/16

Featured Engineer/Featured Student Request for Selection: Call was sent on 12/7/16. Deadline for submission is 2/3/17.

Call for Nominations Award of Excellence: – The call was sent on 11/28/16. Deadline for nominations is 1/30/17

Website Domain Name Renewal: A motion was made and seconded to renew the MJECM.org domain name for the full nine years at an estimated of \$217. The motion carried.

New Business

SAME 12/14/16 Luncheon: This will be on 12/14/16 at the Racquet Club. All organizations are invited to participate. The Secretary is to send an announcement to the representatives.

Follow Up with Assigned Schools: Initial contact should be made before the Christmas break with follow up in January.

TSPE Banquet (2/23/17): The speaker is yet to be determined.

Grape for Geeks: CBU representative McGinnis said the event went well.

Adjournment

The meeting was adjourned at 4:45 pm. The next meeting will be on 1/11/2017, in Room 241, Nolan Engineering Building on the CBU Campus at 4 pm. It is a week later than normal due to winter break at CBU.

These minutes were approved as presented at the 1/11/17 meeting.

A handwritten signature in black ink that reads "John L. Buxton".

Secretary

Memphis-Area Joint Engineer's Council
Monthly Meeting
January 11, 2017



Unapproved Minutes – 1/11/17

Call to Order: Chairman Wu called the meeting to order at 4:10 pm. Others present were McGinnis, Jones, Sykes, Fields, Kendall, Matheny, R. Stoll and Buxton.

Secretary's Report: The minutes of the December 7, 2016 meeting were reviewed and approved as presented.

Treasurer's Report: Treasurer R. Stoll presented the financial report which indicated that 15 organizations had paid dues. The only expense was the \$244.46 for renewing the MJECM.org domain name. Funds on hand in the checking account were \$4,429.07. A motion was made and approved to accept the report as presented and authorizing the increased domain name expense. \$217 was approved on an estimated basis at the December meeting.

Old Business

Update on Order of the Engineer Luncheon 2/21/17: Fogelman Executive Center at 11:30. The speaker will be Tara Hoke of the ASCE National Office. The cost is \$30.00. For reservations, contact www.ce.memphis.edu/meier/ote.htm.

Update on ECM/MJEC 2/22/17 Luncheon: The speaker will be downtown developer Henry Turley. ECM will try to hold the cost to \$25.00.

Update on TSPE 2/23/17 Banquet: Details are to be announced.

Request for Nominations - Award of Excellence: Deadline is 1/30/17. There are six carryovers. Organizations with carryover nominees have been so informed.

Selection - Featured Engineers/Students: Deadline is 2/3/17. One has been received.

Student Contest follow-up with selected schools: Follow-up is suggested with assigned schools.

2017 Engineers Week: Renee will synopsize activities if information is forthcoming.

New Business

MathCounts Volunteers: A call for volunteers has been issued for the 2/4/17 event at Southwest Community College.

Judging at Student Contest: This will be pushed at the February meeting.

MAESC/IESTOC: – Pong explained how MAESC will morph into the IESTOC (International Engineering Science Technology Online Conference).

ASME/SWE: The local chapter is not active. It will be dropped from the MJEC. A newly formed Society of Women Engineers would like to join the MJEC. A motion was made and approved to accept the SWE upon proper application.


NSBE Walk for Education: This will start at the Mitchell Community Center on 2/18/17.

CBU First Lego League: This will be in Buckman Hall on 1/13/17. Drop by and see these amazing kids.

Adjournment

The meeting was adjourned at 4:55 pm. The next meeting will be on 2/1/2017, in Room 236, Nolan Engineering Building on the CBU Campus at 4 pm. Pizza will be available to spice up the meeting.

These minutes were approved as presented at the 2/1/17 meeting.


Secretary

Memphis-Area Joint Engineer's Council
Monthly Meeting
February 1, 2017



Approved Minutes – 2/1/17

Call to Order: Chairman Wu called the meeting to order at 4:10 pm between bites of pizza. Others present were McGinnis, Sykes, Smith, Ventura, Fields, Kendall, Matheny, Jones, R. Stoll, Tomeh, Black and Buxton. Dr. Divya Chaudhary was introduced as a new representative for the Society for Women Engineers.

Secretary's Report: The minutes of the January 11th meeting were reviewed and approved as presented.

Treasurer's Report: Treasurer R. Stoll presented the financial report which indicated that 17 organizations had paid dues. This included the recently joined SWE organization. There had been no additional expenses since the last meeting. Almost all expenses will come in February. Total funds in the two accounts were \$5,704.99. The report was approved as presented.

Old Business

Nominations - Award of Excellence: Deadline was 1/30/17. Five new nominations were received. Those five plus six carryover nominations were sent to the evaluation committee on 1/30/17 after Close of Business cutoff.

Selection - Featured Engineers/Students: Deadline is 2/3/17. McGinnis believed that eight had been received. He planned an additional reminder.

Engineers Week Activity Bulletin: The final version was distributed and discussed at the meeting. Representatives had the opportunity to espouse their events. However, details were well covered in the Bulletin which will be distributed electronically as well.

New Business


SWE: A newly formed Society of Women Engineers joined the MJEC. Tomeh explained the goals of the SWE and extended an invitation for the organization inaugural public event on 2/23/17. It was noted there was a conflict with the TSPE banquet.

Student Contest: Score Keeper Carl Williams has agreed to be present. Checklist items were discussed. Participation certificates will be hand written. Buxton is to revise the current certificate to reflect the changes in membership. This revision will also apply to Featured Engineers and Students.

Adjournment

The meeting was adjourned at 4:45 pm. There was very little pizza left. The next meeting will be on 3/1/2017, in Room 236, Nolan Engineering Building on the CBU Campus at 4 pm.

These minutes were approved as presented at the 3/1/17 meeting.


Secretary

Memphis-Area Joint Engineer's Council
Monthly Meeting
March 1, 2017



Minutes – 3/1/17

Call to Order: Vice Chairman McGinnis called the meeting to order at 4:10 pm Others present were Sykes, Fields, Kendall, Matheny, Jones, R. Stoll, Madden, and Buxton. LCDR Angelique McBee was introduced as a new representative for SAME

Secretary's Report: The minutes of the February 1st meeting were reviewed and approved as presented.

Treasurer's Report: Treasurer R. Stoll presented the financial report. Almost all expenses had been incurred. Total funds in the two accounts were \$3,934.31. The report was approved at presented.

Old Business

Lessons Learned from Engineers Week

MATHCOUNTS – The Secretary had received a comment that more runners were needed.

Walk for Education – Went well. Better organization for the walk would help.

Order of Engineer Luncheon – Went well, but the event did not break even.

Engineers Week Luncheon – Approximately 90 attended. Good speaker. Cost ECM \$117. OK!

TSPE Banquet – It was longer than usual.

SWE Event – No report. This is not intended as an annual affair.

Student Contest – Two High Schools: One 1 person team each. Three Middle Schools: 55 teams with 62 participants. For participation, school contact must be with the right person who is hard to identify. Sykes was thanked for her endeavors at the Contest.

Award of Excellence – The winner was Dr. Gary Bowlin from the U of M. There are five carryover nominations. Organization whose nominations have expired have been informed.

New Business

2017 – 2018 Officer Nominations – The Secretary asked for volunteers for Vice Chairman. Bob Kendall did so. Both Treasurer Stoll and Secretary Buxton agreed to serve again. Vice Chairman Gene McGinnis automatically becomes Chairman. David Wu escapes to Past Chairman.


Appointment of Audit Committee – Ventura and Buxton were appointed to the audit committee.

Engineers Week – Consider spreading activities rather than everything in one week.

Adjournment

The meeting was adjourned at 4:50 pm. The next meeting will be on 4/5/2017, in Room 236, Nolan Engineering Building on the CBU Campus at 4 pm.

These minutes were approved as presented at the 4/5/17 meeting.


Secretary

Memphis-Area Joint Engineer's Council
Monthly Meeting
April 5, 2017



Approved Minutes – 4/5/17

Call to Order: Vice Chairman McGinnis called the meeting to order at 4:10 pm Others present were Sykes, Fields, Kendall, Matheny, Jones, R. Stoll, Black, Ventura and Buxton. Mary Jane Cassandras was introduced as a new representative from the Engineers' Club. There was a quorum and majority of organizations represented.

Secretary's Report: The minutes of the March 1st meeting were reviewed and approved as presented.

Treasurer's Report: The audit report was presented in lieu of this report as a New Business item.

Old Business

Engineers Week Dates: February 18 – 24, 2018, the week which includes George Washington's birthday.

Engineers Week Luncheon Date: ECM indicated that it was willing to move the luncheon earlier to relieve the crowding of events during the week. A motion was made, seconded, and approved to memorialize an earlier Kickoff Luncheon. The date is to be selected by the ECM.

Award of Excellence Responsibility: Secretary

Featured Engineer Responsibility: Vice Chairman

Student Contest Date: 2/24/18 – The Past Chairman is responsible. The target Saturday is the same as the last two years and has worked reasonably well.

New Business

Report of Audit Committee: The report was reviewed. A motion was made, seconded, and approved to accept the report as presented. It will be attached to these minutes and distributed electronically.

Election of 2017 – 2018 Officers: A motion was made, seconded, and approved to elect the following slate of officers.

Chairman – Gene McGinnis
Vice Chairman – Bob Kendall
Past Chairman – David Wu
Treasurer – Renee Stoll
Secretary – John Buxton

Adjournment

The meeting was adjourned at 4:40 pm. The next meeting will be on 9/6/2017, in Room 236, Nolan Engineering Building on the CBU Campus at 4 pm. The room will depend on class schedules.

These minutes were approved as presented at the 9/6/17 meeting.



John L. Buxton
Secretary

Engineers Week is February 19 – 25, 2017
<http://www.DiscoverE.org/our-programs/engineers-week>
2017 Theme: Engineers Dream Big

The DiscoverE (formerly National Engineers Week Foundation) mission is to sustain and grow a dynamic engineering profession through outreach, education, celebration, and volunteerism. DiscoverE helps stakeholders expand community and educational outreach by:

- Providing resources and turnkey programs for employees and volunteers
- Supporting strong workforce diversity initiatives
- Promoting positive visibility within the engineering and technology communities, including college students and the public-at-large

DiscoverE and its working coalition of 100+ organizations is known as one of the most effective collaborations today, recognized by corporations and engineering societies, and mentioned in two reports by the National Academy of Engineering.

2017 MEMPHIS-AREA ACTIVITIES

Visit the Memphis-Area Joint Engineers Council website <http://mjecm.org/>

Saturday, February 4, 2017 – MATHCOUNTS

Time: 8:00 AM – 2:00 PM

Location: Southwest Tennessee Community College (Macon Campus)

Sponsoring Organization: Tennessee Society of Professional Engineers Memphis Chapter

Contact: Drake Danley 901-334-5318, email drake.danley@kimley-horn.com

More information: www.memphismathcounts.org

The Tennessee Society of Professional Engineers (TSPE) sponsors both regional and state competitions every year for the nationwide MATHCOUNTS program (www.mathcounts.org). MATHCOUNTS is a national competition for students in 6th through 8th grade. Regional and state competitions are held in February and March, along with a final national competition in May. MATHCOUNTS offers exciting programs for students who not only love math, but fear math as well. The programs are designed to engage students of all ability levels in fun and challenging ways that are sometimes not possible within the structure of a math classroom.

Volunteers are needed to help with MATHCOUNTS. Contact Drake if interested.

Saturday, February 18, 2017 – A Walk for Education

Time: 10:00 AM Neighborhood Walk, 12:00 PM Educational Program

Location: Mitchell Community Center, 602 West Mitchell Road

Sponsoring Organization: National Society of Black Engineers, Memphis Professionals Chapter

More information and to volunteer: <http://awfememphis2017.eventbrite.com> or email: programs@nsbememphis.org

AWFE is a grassroots program in which NSBE members and volunteers go door-to-door in underserved communities to hand out information on college preparation, scholarships, and various STEM information. The goal of this effort is to increase awareness of opportunities available through education, particularly in STEM fields, and to encourage students to pursue science, technology, engineering, and mathematics careers.

Starting at noon, there will be hands-on engineering activities, a college fair, and networking with local Memphis engineers. The keynote speaker for this event will be John Jackson, Vice President of Global Planning and Engineering for FedEx Services.

There are three ways to join the effort: 1) Volunteer to walk or set-up; 2) Showcase your organization with an interactive booth at the Community Fair; and/or 3) Make a donation

Volunteers are needed to help with AWFE **<http://awfememphis2017.eventbrite.com>**

2017 MEMPHIS-AREA ACTIVITIES (Continued)

Tuesday, February 21, 2017 – Order of the Engineer Ceremony and Ethics Lecture (1 PDH)

Time: Check-in and ring selection for ceremony participants 11:00 AM, Luncheon at 11:30 AM, Program at 12:00 PM

Location: University of Memphis, Fogelman Executive Center, 3rd Floor Dining Room (The FEC is on the corner of Central Ave and Innovation Dr, across the street from the U of M Holiday Inn. Parking is available in the Innovation Drive Parking Garage adjacent to FEC and the cost is included in the registration fee.

Sponsoring Organizations: American Society of Civil Engineers, West TN Branch; Society of American Military Engineers, Memphis Post

Speaker: Tara Hoke, ASCE Deputy General Counsel and author of the monthly column “A Question of Ethics” in *Civil Engineering* magazine.

Cost: Luncheon \$30 per person (free for ASCE Student Chapter Members with valid Member Number). There is an additional \$20 charge for those going through the Order of the Engineer ceremony to cover the cost of the ring and certificate. Ceremony participants must purchase lunch. Replacement rings can also be purchased at the luncheon for \$15 each.

Please submit payment in advance to Dr. Roger W. Meier, 2595 Abercorn Cove, Memphis, TN 38119. An application form for both the luncheon and the ring ceremony can be downloaded at <http://www.ce.memphis.edu/meier/ote.htm>. You can also pay by credit card by going to <http://www.ce.memphis.edu/meier/ote.htm>. Payment deadline is Wednesday, February 15, 2017.

Contact: Dr. Roger Meier, email rwmeier@memphis.edu

The Order of the Engineer was initiated in the United States in 1970 to foster a spirit of pride and responsibility in the engineering profession, to bridge the gap between training and experience, and to present to the public a visible symbol identifying the Engineer. Participants in the Order of the Engineer Ceremony take the “Obligation of the Engineer” oath, which states an Engineer's responsibilities to the public and to the profession. Participants receive an Obligation Certificate and a stainless steel ring that is worn as a reminder of an Engineer's commitment to high ethics and professionalism. Any Engineer is eligible for induction if he or she has graduated from an ABET accredited engineering program or holds a license as a P. E. Students enrolled in ABET-accredited engineering degree programs are eligible to participate if they are within two academic terms of graduation. There are no membership dues. Additional information may be obtained at the Order of the Engineer website at <http://www.order-of-the-engineer.org/index.html>.

Wednesday, February 22, 2017 – Engineers Week Luncheon

Time: 11:30 AM - 1:30 PM

Location: University of Memphis Holiday Inn, Tennessee Ballroom

Sponsoring Organization: Engineers' Club of Memphis

Speaker: Henry Turley, Downtown Memphis Developer

Cost: \$25 per person. Reservations must be made at Pam@srce-memphis.com or (901) 680-0751 by Friday, 2/17/17. Tables for 8 are available at \$25 per person.

Contact: Engineers' Club Secretary 901-680-0751, email Pam@srce-memphis.com

Proclamations from the City and County Mayors will be read, Featured Engineers from local engineering organizations will be recognized, and the Memphis-Area Joint Engineers Council Award of Excellence will be presented.

2017 MEMPHIS-AREA ACTIVITIES (Continued)

Thursday, February 23, 2017 – Engineers Week Banquet

Time: 6:30 PM Social, 7:30 PM Dinner and Program

Location: Christian Brothers University Thomas Center

Sponsoring Organization: Tennessee Society of Professional Engineers Memphis Chapter

Speaker: George Shadroui, Chief Strategy Officer for ALSAC, support organization for St. Jude Children's Research Hospital

Cost: \$30 per person, reserved tables for 8 or 10 are available at \$30 per person; Table sponsors will be recognized in the banquet program.

Please send an email requesting tickets by 2/16/17. Payment can be made via PayPal, check mailed in advance, or at the door.

Contact: Ben Campbell 901-748-1811, email bcampbell@fisherarnold.com

Mailing address: Ben Campbell, Fisher Arnold, 9180 Crestwyn Hills Drive, Memphis, TN 38125

PayPal Link: https://www.paypal.com/cgi-bin/webscr?cmd=s-xclick&hosted_button_id=5ANMW5SL97JTJ

Winners from MATHCOUNTS will be recognized along with Featured Engineering and Engineering Technology Students from Christian Brothers University, Southwest Tennessee Community College, and The University of Memphis. The Memphis Chapter of the Tennessee Society of Professional Engineers will make its award presentations. Also, the City of Memphis will award its City Engineer's Award for Excellence.

Saturday, February 25, 2017 – Engineers Week Student Contest

Time: 9:00 AM – Noon

Location: Southwest Tennessee Community College, Macon Cove Campus, Nabors Auditorium

Sponsoring Organization: Memphis-Area Joint Engineers Council

Contact: Harvey Matheny, 901-729-5509, email hmatheny@pickeringfirm.com

More information and for registration form: <http://mjecm.org/>

The Engineers Week Student Contest is an opportunity for middle and high school students to express their creativity and demonstrate their ingenuity by working on concept projects designed to improve our quality of life. Judging criteria include benefit to society, creativity, feasibility, and presentation. Monetary awards are given to the winning schools.

Volunteers are needed to judge the Student Contest. Contact Harvey if interested.

Memphis-Area Joint Engineers Council Award of Excellence

Memphis-Area Joint Engineers Council (MJEC) is an umbrella organization for 16 engineering organizations and engineering educational institutions in the Memphis area, including the local chapters/sections of the following:

- American Council of Engineering Companies
- American Society of Civil Engineers
- American Society of Heating, Refrigeration and Air Conditioning Engineers
- American Society of Plumbing Engineers
- American Society for Quality
- Christian Brothers University Engineering
- Engineers' Club of Memphis
- Institute of Electrical and Electronics Engineers
- Illuminating Engineering Society of North America
- Institute of Industrial Engineers
- National Society of Black Engineers Alumni Extension
- Society of American Military Engineers
- Society of Manufacturing Engineers
- Southwest Tennessee Community College
- Tennessee Society of Professional Engineers
- The University of Memphis Engineering Club

MJEC has a membership of all members of these local chapters/sections. Therefore, MJEC has members in Memphis, Shelby County, West Tennessee, Arkansas, and Mississippi. MJEC is governed by a Board of Directors, comprised of two representatives from each participating organization. For additional information regarding MJEC, visit <http://mjecm.org>.

The recipient of the **Memphis-Area Joint Engineers Council Award of Excellence** is selected based on information supplied in the categories of 1) Education, 2) Professional Accomplishments and Recognition, 3) Contributions to the Profession, 4) Contributions to Associations and Societies, and 5) Humanitarian and Civic Activities. Additional information about the award is included on the attached sheet.

Memphis-Area Joint Engineers Council Award of Excellence

2017

Nominations for the MJEC Award of Excellence shall be submitted using the following outline and form. The weighted importance of each category is shown below and on the nomination form. Nominations are considered for three consecutive years and may be updated in accordance with the MJEC Award of Excellence Guidelines (rev 11/4/15).

1. EDUCATION (10%)
List all degrees earned, from where, when
2. PROFESSIONAL ACCOMPLISHMENTS AND RECOGNITION (30%)
List all professional accomplishments and recognition, e.g. registered Professional Engineer, engineering specialty certifications, society awards and recognition, other certifications and registrations, other recognition
3. CONTRIBUTIONS TO THE PROFESSION (30%)
List all contributions to the profession, e.g. technical papers, inventions, patents, designs, projects, years as a practicing engineer, position of responsibility held
4. CONTRIBUTIONS TO ASSOCIATIONS AND SOCIETIES (15%)
List all contributions to associations and societies, e.g. board of directors, officer, committee chairman, committee member, task force member, all of these, at local, state, regional or national level
5. HUMANITARIAN AND CIVIC ACTIVITIES (15%)
List all humanitarian and civic activities, e.g. social service organizations, elected official

Use the attached form for nominations. Nominations must be limited to the form. However, the nomination can be multiple pages, individual blocks may be expanded or contracted as needed, and font size may be adjusted.

Submit nomination electronically to: jlbuxton@aol.com with a signed copy mailed to the address below. If the electronic submission is scanned and includes a signature, the mailed hard copy is **not required**.

MJEC Awards Committee
c/o John L. Buxton, P.E. (R)
1469 Peabody Ave.
Memphis, TN 38104-3831

Deadline for electronic nomination submittal is 5 PM, Monday, January 30, 2017.

The award will be presented at the Engineers Week Luncheon on Wednesday, February 22, 2015.

**2015 MEMPHIS-AREA JOINT ENGINEERS COUNCIL
AWARD OF EXCELLENCE NOMINATION FORM**

NOMINEE:	
NOMINEE CONTACT INFORMATION:	
NOMINATING SOCIETY:	
1. EDUCATION (10 %)	
2. PROFESSIONAL ACCOMPLISHMENTS & RECOGNITION (30 %)	
3. CONTRIBUTIONS TO THE PROFESSION (30 %)	
4. CONTRIBUTIONS TO ASSOCIATIONS AND SOCIETIES (15 %)	
5. HUMANITARIAN AND CIVIC ACTIVIES (15 %)	

Nominating Society Contact Name:

Date:

Email:

Telephone:

Nominating Society Contact Signature:



**MEMPHIS AREA JOINT ENGINEERS COUNCIL
AWARD OF EXCELLENCE (AOE) GUIDELINES**

11/3/14

11/4/15

The MJEC Secretary is responsible for the AOE process. The Secretary will select three MJEC representatives or officers for evaluating AOE nominations. Previously, the Vice Chairman was responsible for the AOE process.

An AOE nomination is valid for three years. A list of eligible candidates from each member organization will be kept. These are nominations that have not been selected in the two previous years.

Each organization will be advised of eligible candidates. One new candidate will be accepted from each organization for a maximum of three, the new nomination plus two carryovers. An organization may update a carryover with ***additional information***. The three year eligibility starts with the ***new*** information. Resubmitting the same nomination with a new date does not restart the eligibility. Two or more organizations may submit the same nominee.

The dates for the Call for Nominations, Nomination Submittal Deadline and Award Ceremony will be published in the MJEC Calendar.

Scoring guidelines and the nomination form will be included in the Call for Nominations sent by the Secretary to the organizations on or before the Calendar date.

AOE nominations shall be submitted to the Secretary by the deadline as stated on the Calendar. Late nominations shall be returned to the organization.

The Secretary will send the evaluators the nominations and a scoring spread sheet with suggested guidelines on scoring. Each evaluator will assign points to the various categories for a nominee. Total points for each nominee will be calculated. The completed spread sheet for all nominees will be sent only to the Secretary for compilation and determination of the winner.

The Secretary will notify the organization of the winning candidate. That organization is responsible for getting the selectee to the Engineers Week Luncheon at the date on the Calendar. The intent is that the award will come as a surprise to the winner.

The Award of Excellence will be presented to the winner by the MJEC Chairman.

These Guidelines were approved at the 11/5/14 meeting as reflected in the minutes. At the April 8, 2015 Meeting, AOE responsibility was transferred from the Vice Chairman to the Secretary also as reflected in those minutes.

John L. Buxton, Secretary



Memphis-Area Joint Engineers Council

WWW.MJECM.ORG

Annual Engineers Week Student Contest

Date: February 25, 2017

As part of its Engineers Week Activities, the Memphis-Area Joint Engineers Council sponsors a contest for Middle School (Grades 6, 7, 8 & 9) and High School (Grades 9, 10, 11, & 12) students. It is an opportunity for students to express their creativity and demonstrate their ingenuity by working on concept projects designed to improve our quality of life. In addition, it is an opportunity to enhance public speaking skills as students will make presentations to judges about their projects.

CONTEST OBJECTIVES:

Present a product that could be used to benefit society. This could involve:

Inventing something

Modifying something to make it more useful or better

Finding another use for something that normally would be discarded.

CONTEST REQUIREMENTS:

A school may submit as many teams (projects) as it wants where a team may consist of 1 to 4 students. Each team will make a two-minute presentation to the judges (local professionals from all branches of engineering). Projects may be demonstrated by use of models, actual devices, drawings, sketches, a poster or any combination of the above. Each team will be provided with a table approximately 3ft. by 3ft. to set up its display. Electricity will be available. Judging Criteria include:

Benefit to Society

Creativity

Feasibility

Presentation

CONTEST LOCATION AND TIME:

Date: February 25, 2017

Time: Setup begins 9:00 a.m.; Judging begins 10:00 a.m.; Award Ceremony 11:30 a.m.

Location: Nabors Auditorium, Southwest Tennessee Community College, Macon Cove Campus, 5983 Macon Cove (I-40 at Sycamore View)

PRIZES!!!

The Middle School and High School divisions are evaluated separately.

First Place Middle School –

School certificate & \$150 for school fund

Second Place Middle School –

School certificate & \$100 for school fund

Third Place Middle School –

School certificate & \$50 for school fund

First Place High School –

School certificate & \$150 for school fund

Second Place High School –

School certificate & \$100 for school fund

Third Place High School –

School certificate & \$50 for school fund

QUESTIONS??

Please contact Harvey Matheny, Contest Chairman

Pickering Firm, Inc.; 6775 Lenox Center Court, Suite 300, Memphis, TN 38115

Phone: 901-729-5509, email: hmatheny@pickeringfirm.com



Memphis-Area Joint Engineers Council
WWW.MJECM.ORG
Annual Engineers Week Student Contest
REGISTRATION FORM

Please return by Friday, February 17, 2017.

Please check if you grant the Memphis-Area Joint Engineers Council permission to use photographs of the contestants listed below in any and all of its publications, including website entries, without payment or any other consideration.

Teacher's Name _____

School Name _____

Address _____

Telephone _____ Fax _____ email: _____

Special Needs (Other than table space) _____

Do you need electricity? _____

Contestant Name(s) _____

Schools with more than one team entry may attach additional sheets with list of teams numbered and members named.

Mail or E-mail by Friday, February 17, 2017. You may also sign up on line by going to:
<https://www.surveymonkey.com/r/2017MJECSCFORM>

Harvey Matheny, Contest Chairman
Pickering Firm, Inc.; 6775 Lenox Center Court, Suite 300, Memphis, TN 38115
Phone: 901-729-5509, email: hmatheny@pickeringfirm.com