

## **Engineers Week is February 19 – 25, 2023**

<https://discovere.org/engage/engineers-week>

### **DiscoverE - Discover Engineering**

#### **2023 Theme: Creating the Future**

Engineers play a vital role in innovating solutions to global challenges that impact future generations. By working together to develop new technologies, products and opportunities, engineers create new possibilities that make the world a better place. Let's inspire the next generation by celebrating all the ways engineers Create the Future!

DiscoverE is the backbone organization behind Engineers Week™ (established 1951), Introduce a Girl to Engineering Day™ (2001), World Engineering Day (2016, formerly known as Global Day of the Engineer), the Persist Series (2005), and the Future City Competition™ (1993). DiscoverE programs and resources have been adopted by individuals and organizations around the globe.

DiscoverE programs cover pre-k to work force and intersect at the points of corporate social responsibility, public affairs, and talent acquisition. They are highly collaborative, represent the breadth of engineering, and are compelling yet simple to execute. This strategy enables organizational partners, volunteers, and educators to effectively reach millions of students, parents, and young adults with the message that engineers work with smart, inspiring people to invent, design, and create things that matter.

#### **2023 MEMPHIS-AREA ACTIVITIES**

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

#### **Saturday, February 4, 2023 – MATHCOUNTS**

Time: 8:00 AM – 2:00 PM

Location: Southwest Tennessee Community College (Macon Cove Campus)

Sponsoring Organization: Tennessee Society of Professional Engineers Memphis Chapter

Contact: Brian King 901-748-1811, email [bking@fisherarnold.com](mailto:bking@fisherarnold.com)

The Tennessee Society of Professional Engineers (TSPE) sponsors both regional and state competitions every year for the nationwide MATHCOUNTS program ([www.mathcounts.org](http://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 Brian if interested.***

#### **Saturday, February 4, 2023 – FIRST® LEGO® League**

Location: Collierville High School

Contact: Patrick McGinnis, email [patrick@nobox.io](mailto:patrick@nobox.io)

Website: <https://www.firstinspires.org/>

FIRST® LEGO® League introduces science, technology, engineering, and math (STEM) to children ages 4-16 through fun, exciting hands-on learning. Participants gain real-world problem-solving experience through a guided, global robotics program, helping today's students and teachers build a better future together. Students apply their skills in an exciting competition while building habits of learning, confidence, and teamwork along the way.

## 2023 MEMPHIS-AREA ACTIVITIES (Continued)

### **Thursday - Monday, February 9 - 13, 2023 – MJEC Engineers Week Student Contest First Round Judging - to be done as your schedule permits**

There will be two rounds of judging. The deadline for schools to participate is Wednesday, February 8, 2023 (extended from Friday, February 3, due to inclement weather). Teams will submit their projects in pdf format, preferably with pictures. The Contest Chairman will organize the entries and send them via email to the judges, who will review and score the projects as their schedules permit. There will be a virtual meeting on Tuesday, February 14, for judges who can attend to discuss the results and determine which projects will advance to the Championship Round. Schools will be notified of the advancing projects no later than Wednesday, February 15, 2023.

The Championship Round will be held in person on Saturday, February 25, 2023. See this date for additional information.

Sponsoring Organization: Memphis-Area Joint Engineers Council

Contact: Carol Jones 901-485-7425, email [jonesc46@bellsouth.net](mailto:jonesc46@bellsouth.net)

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 students and schools.

***Volunteers are needed to judge the Student Contest, both the First Round, February 9 - February 13, and the in-person Championship Round on Saturday, February 25. You can do either or both events. Contact Carol if interested.***

### **Wednesday, February 15, 2023 – Engineers Week Kickoff Luncheon**

**This year's event will be both in-person (limited to 60 attendees) and virtual.**

Time: Luncheon at 11:30 AM, Program at 12:00 PM

Location: Memphis Light, Gas and Water Training Center, 4949 Raleigh-LaGrange at Covington Pike

Presenter: Doug McGowen, MLGW President and CEO

In-person Luncheon Cost: \$15 via PayPal; Registration: <http://evite.me/rSFRDWpA4x> You will receive an email with box lunch menu from One and Only Barbecue. Vegetarian options will be available. Selections are needed by Friday, February 10.

Meeting Link for virtual attendance (no cost): <https://us02web.zoom.us/j/86268715468>

Meeting ID: 862 6871 5468

One tap mobile: +13092053325,,86268715468# US

Audio by phone: 309-205-3325

Sponsoring Organization: The Engineers' Club of Memphis

Website: <https://www.engineersclubofmemphis.com/>

In addition to the presentation, proclamations from the City and County Mayors will be read; Featured Engineering and Engineering Technology Students from Christian Brothers University, Southwest Tennessee Community College, and The University of Memphis will be recognized; Featured Engineers and Professionals from local engineering organizations will be recognized; and the Memphis-Area Joint Engineers Council Award of Excellence will be presented.

## 2023 MEMPHIS-AREA ACTIVITIES (Continued)

### **Saturday, February 18, 2023 – STEMOLOGY (for 3rd-12th grade students)**

#### **A conference to spark interest in STEM (Science, Technology, Engineering, & Math)**

Time: 8:00 AM – 3:00 PM

Location: Southwest Tennessee Community College (Macon Cove Campus)

Student Sign-up: <https://www.eventbrite.com/e/stemology-student-sign-up-registration-513536440317>

Student Cost: \$20

**Volunteer Sign-up:** <https://www.eventbrite.com/e/stemology-volunteer-sign-up-tickets-513623440537?aff=erelpanelorg>

Sponsoring Organization: National Society of Black Engineers Memphis Professionals

For more information, email [programs@nsbememphis.org](mailto:programs@nsbememphis.org)

STEMology is a gender and minority empowerment conference for 3rd-12th grade students which uses science, technology, engineering, and math (STEM) concepts to inspire the next generation of young leaders. With guidance from local technical professionals, students will engage in interactive workshops to allow hands-on STEM learning, team activities, discussions surrounding myths and truths of minorities & genders in STEM, and STEM career opportunities. Lunch and snacks will be provided. Students will also get T-Shirts.

### **Tuesday, February 21, 2023 – Order of the Engineer Ceremony**

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

Location: Christian Brothers University Sabatini Lounge

Event details: <https://branches.asce.org/west-tennessee/events>

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

For more information: <https://order-of-the-engineer.org>

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.

## **2023 MEMPHIS-AREA ACTIVITIES (Continued)**

### **Thursday, February 23, 2023 – Engineers Week Banquet (1 PDH)**

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

Presenter: Kel Kearns, Plant Manager Electric Vehicle Centre BlueOval City

Cost: \$50 per person for table of 8 people; \$55 per person for single ticket

Tickets & Registration: Online: <https://tspemem2023.eventbrite.com>

You must register with your name and email address to receive a PDH certificate for 1 hour.

In addition to the presentation, the TSPE Memphis Chapter will announce its Young Engineer, Distinguished Service, Outstanding Engineer, Government Engineer, and Outstanding Employer award recipients.

### **Saturday, February 25, 2023 – MJEC Engineers Week Student Contest**

Time: 9:00 AM – Noon (9:00 student set-up begins, 9:30 judges assemble for instructions, 10:00 judging begins)

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

Sponsoring Organization: Memphis-Area Joint Engineers Council

Contact: Carol Jones 901-485-7425, email [jonesc46@bellsouth.net](mailto:jonesc46@bellsouth.net)

For more information: <https://mjecm.org/student-contest-1/>

Teams selected from the first round of judging will present their projects and answer questions from the judges, local professionals from many different engineering disciplines.

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 students and schools.

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