

## Engineers Week is February 16 – 22, 2025

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

### DiscoverE - Discover Engineering

#### 2025 Theme: Design Your Future

This year's theme is both a call to action and a celebration of the limitless possibilities in engineering. It invites us to dream boldly, innovate relentlessly, and create a future shaped by our collective ingenuity. As we mark 25 years into the 21st century, engineers remain at the forefront of addressing rapid technological advancements, societal shifts, and global challenges. Their critical work is reshaping how we live, work, and connect

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.

#### 2025 MEMPHIS-AREA ACTIVITIES

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

#### Saturday, January 25, 2025 – VEX at the Nest III (MS/HS) VEX V5 Robotics Competition

Location: St. Benedict at Auburndale High School, 8250 Varnavas Drive, Cordova

Contact: Victor Hoang, email [victorhoangn@gmail.com](mailto:victorhoangn@gmail.com), or Dan Kohn, email [dekohn@memphis.edu](mailto:dekohn@memphis.edu)

#### *Volunteers are needed.*

<https://www.signupgenius.com/go/60B0F48AEAB2EA1F85-49772717-vexatthe#/>

#### OTHER VEX Robotics EVENTS

[2025 Brighton High Vex High Stakes Robotic Tournament](#) (VEX V5 Robotics Competition)

Brighton High School 8045 Hwy 51 S Brighton, Tennessee 38011

Date: 1-Feb-2025

Cheryl Jacobs <[CJacobs1@tipton-county.com](mailto:CJacobs1@tipton-county.com)>

[MUS VRC Winter Tournament](#) (VEX V5 Robotics Competition)

Memphis University School 6191 Park Avenue Memphis, Tennessee 38119

Date: 21-Feb-2025 - 22-Feb-2025

Garrett Smithson <[garrett.Smithson@musowls.org](mailto:garrett.Smithson@musowls.org)>

[St. Agnes Academy Battle at the Academy \(ES/MS\)](#) (VEX IQ Robotics Competition)

St. Agnes Academy-St. Dominic School 4830 Walnut Grove Road Memphis, Tennessee 38117

Date: 8-Feb-2025

David Tran <[dtran@saa-sds.org](mailto:dtran@saa-sds.org)>

[St. George's Rapid Relay School Day Showdown \(MS Only\)](#) (VEX IQ Robotics Competition)

St. George's Independent School 1880 Wolf River Boulevard Collierville, Tennessee 38017

Date: 20-Feb-2025

Crista Smothers <[csmothers@sgis.org](mailto:csmothers@sgis.org)>

## **2025 MEMPHIS-AREA ACTIVITIES (Continued)**

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

### **Saturday, February 1, 2025 – 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 8, 2025 – FIRST® LEGO® League West TN FLL Challenge Championship and West TN FLL Explore Festival**

Time: Championship 7:30 AM – 4:30 PM; Festival 12:00 PM – 4:30 PM

Location: St. Louis School, 5192 Shady Grove Rd, Memphis

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

Website: <https://fll.nobox.org/challenge/volunteers/>

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.

***Volunteers are needed and MUST be registered.***

***To register as a volunteer: <https://fll.nobox.org/challenge/volunteers/>***

## **2025 MEMPHIS-AREA ACTIVITIES (Continued)**

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

### **Tuesday - Sunday, February 4 - 9, 2025 – 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 Monday, February 3, 2025. 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. These scores determine which projects will advance to the Championship Round.

The Championship Round will be held in person on Saturday, March 1, 2025.

Sponsoring Organization: Memphis-Area Joint Engineers Council

Contact: April Branch, 901-550-3300, email [ajbranch@outlook.com](mailto:ajbranch@outlook.com)

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, 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 4 - February 9, and the in-person Championship Round on Saturday, March 1. You can do either or both events. Contact April if interested.***

### **Wednesday, February 12, 2025 – Engineers Week Kickoff Luncheon**

**This year's event will be in-person only and limited to 50 attendees.**

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

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

Keynote Speaker: Tracy Church, Plant Manager, BlueOval SK, battery plant at BlueOval City

Luncheon Cost: \$15 via PayPal or check/exact cash at the door

Reservations: Email Renee Stoll [rstoll@fisherarnold.com](mailto:rstoll@fisherarnold.com) with name(s) of attendee(s). In reply to your reservation, you will receive an email with PayPal payment link and box lunch menu form from One & Only Barbecue. Vegetarian options will be available. Menu selections are needed by Friday, February 7.

Sponsoring Organization: Engineers' Club of Memphis <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.



## **2025 MEMPHIS-AREA ACTIVITIES (Continued)**

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

### **Saturday, February 22, 2025 – eDay (Engineering Day at Herff)**

Registration will close February 7, 2025. Activities and demonstrations will be updated until then.

Competitions will be available to students in grades 3 through 12. However, families are welcome and there will be activities and demonstrations for children of all ages, as long as they are accompanied by an adult.

Location: Herff Engineering Complex, The University of Memphis

Website: <https://www.memphis.edu/herff/news-events/eday.php>

The Herff College of Engineering hosts eDay, providing elementary school through high school students from the Mid-South the opportunity to visit the University of Memphis and participate in activities and competitions designed to get them more interested in engineering and STEM-related programs.

### **Saturday, March 1, 2025 – 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: April Branch, 901-550-3300, email [ajbranch@outlook.com](mailto:ajbranch@outlook.com)

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, creativity, feasibility, and presentation. Monetary awards are given to the winning students and schools.

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

## 2025 MEMPHIS-AREA ACTIVITIES (Continued)

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

### SAVE THE DATE IN MAY

#### Thursday, May 8, 2025 – Tom Lee 100th Anniversary Ceremony

Time: 11:00 AM

Location: Memphis Light, Gas and Water David F. Hansen Administration Building, 220 South Main St

Sponsoring Organization: Engineers' Club of Memphis <https://www.engineersclubofmemphis.com/>

May 8, 2025, marks the 100th Anniversary of Tom Lee's heroic rescue of thirty-two survivors of the steamship *M. E. Norman*. On May 8, 1925, the Engineers' Club of Memphis (ECM) was host for the Mid-South Association of Engineers Convention of the American Society of Civil Engineers (ASCE), including national officers and members. As part of the convention, engineers and their families were invited on a sightseeing trip to inspect revetment work along the banks of the Mississippi River. Because of the large number of attendees, two ships were needed. These ships, *Choctaw* and *M. E. Norman*, were operated by the U.S. Army Corps of Engineers. The *M.E. Norman* had 72 passengers and crew on board.

Tom Lee, who had been hired to cut willows for the C. W. Hunter, Co., had taken a company official to Helena, Arkansas in his 28' motorboat, the *Zev*. Lee was headed back home to Memphis when he passed the *M. E. Norman*. He had gone half a mile when he looked back and saw the steamship was in trouble.

The *M. E. Norman* capsized and sank. Seventeen people were able to swim to safety. Tom Lee rescued 32 people with five trips to shore. Lee acted quickly, calmly, and with no regard for his own safety, continuing to search after night fell. Because of his efforts, only 23 people died.

The Engineers' Club of Memphis will commemorate the 100<sup>th</sup> Anniversary of Tom Lee's heroic rescue of thirty-two survivors of the steamship *M. E. Norman*, with a short, respectful, 30-minute ceremony focused on Tom Lee, his accomplishments, and his legacy. The ceremony will also recognize the twenty-three people whose lives were lost, some of whom were ECM and ASCE members.