

Engineers Week is February 21 – 27, 2021
<https://www.DiscoverE.org/our-programs/engineers-week>
DiscoverE: We are the E in STEM

2021 Theme – Imagining Tomorrow

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 Global Marathon (2005), and the Future City Competition (1993). Its programs and resources have been adopted and adapted by individuals and organizations around the globe.

DiscoverE programs and special campaigns 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.

2021 MEMPHIS-AREA ACTIVITIES

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

Friday, February 5, 2021 - Saturday, February 6, 2021 – MATHCOUNTS Chapter Competition

Due to COVID-19, this year's MATHCOUNTS Competition Series has been modified and will be online.

Sponsoring Organization: Tennessee Society of Professional Engineers Memphis Chapter

For more information: <https://www.mathcounts.org/programs/competition-series>

The Competition Series typically has 4 levels of competition - school, chapter, state and national. However, this year the 2020-2021 Competition Series will have 4 levels of official competition—chapter, chapter invitational, state and national—and 4 unofficial online practice competitions. The competition is comprised of 4 rounds—Sprint, Target, Team and Countdown Round. However, Team and Countdown Rounds will not be conducted officially in the 2020-2021 Competition Series until the national level.

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.

Wednesday, February 17, 2021 – Online Engineers Week Kickoff and Awards Presentation

Time: 12:00 PM - 1:00 PM

Meeting Link: <https://us02web.zoom.us/j/89088389264?pwd=NUhHL1BSMXU5Y0EzdIyMDM4RmFHZz09>

Meeting ID: 890 8838 9264

Passcode: 540595

Audio by phone: 312-626-6799

Speaker: Brian Sullivan, FedEx Pilot & MD11 Fleet Standards Manager, MD11 Fleet Operations During the Pandemic

Sponsoring Organization: The Engineers' Club of Memphis

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

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 from local engineering organizations will be recognized; and the Memphis-Area Joint Engineers Council Award of Excellence will be presented.

2021 MEMPHIS-AREA ACTIVITIES (Continued)

Friday, February 19, 2021 – Online Ethics Presentation (1 PDH)

Note: Order of the Engineer will not be held this year.

Time: 12:00 pm – 1:00 pm

Meeting Link : <http://events.constantcontact.com/register/event?llr=jonqx86ab&oeidk=a07ehjepf1680e7b281>

Speaker: 2021 National ASCE President-Elect Dennis D. Truax, Ph.D., P.E., DEE, D.WRE, F.NSPE, F.ASCE will speak on “Engineering a New Code of Ethics”

<https://source.asce.org/get-to-know-asce-2021-president-elect-dennis-truax/>

Cost for PDH certificate: Free

Sponsoring Organization: American Society of Civil Engineers, West TN Branch

The Order of the Engineer ceremony will not be held due to COVID-19. However, here is some information about it. 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>.

Saturday, February 27, 2021 – MJEC Engineers Week Student Contest Championship Round

Due to COVID-19, this year's contest will not be held in person. As in past years, there will be two rounds of judging. The deadline to participate is the end of the day Friday, February 12, 2021. The First Round of judging will determine which projects advance to the Championship Round. Schools will be notified no later than Monday, February 22, 2021. The Championship Round will be held Saturday, February 27, 2021.

For the First Round, teams will submit their projects in pdf format, preferably with pictures. Judges will review the projects and determine which will advance to the Championship Round.

The Championship Round will be conducted via on-line Zoom meetings. Teams will be assigned a 10-minute time slot. Students will present their projects in no more than 4 minutes and the remaining time will be used for questions from the judges, local professionals from many different engineering disciplines.

Sponsoring Organization: Memphis-Area Joint Engineers Council

Contact: Renee Stoll 901-832-6699, email rstoll@fisherarnold.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 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 13 - February 21, and the Championship Round on February 27.

Contact Renee if interested.

**Engineers Week Banquet, sponsored by TSPE, will not be held in February this year.
STEMology Memphis, sponsored by NSBE, will not be held in February this year.**