

THE OFFSHORE TECHNOLOGY CONFERENCE INVITES HOUSTON-AREA SCIENCE TEACHERS AND HIGH SCHOOL STUDENTS TO A **FREE ONE-DAY STEM WORKSHOP.**

9 MAY 2019

TEACHER WORKSHOP 0730-1445 | STUDENT WORKSHOP 0830-1330

The Society of Petroleum Engineers invites Houston-area science teachers to a FREE one-day STEM workshop. This annual event is conducted at the Offshore Technology Conference, one of the world's largest oil and gas conferences. In partnership with the National Energy Education Development Project, SPE created OTC's Energy Education Institute. Our hands-on activities use simple components to teach complicated engineering concepts used in oil and gas exploration and production. **All NEED learning activities are correlated to the Texas Essential Knowledge and Skills and qualify for continuing education hours.** This year, the Energy Education Institute will be conducted on Thursday, 9 May 2019, at NRG Park.



IT'S A FULL DAY OF LEARNING AND ACTIVITY.

Studies prove that hands-on activities create connections between the classroom and real-world situations. This style of teaching also nurtures critical thinking and problem-solving skills, which are traits that many employers value. This energy education workshop not only is a lot of fun for the students, but the program also is incredibly educational. Because we use hands-on activities, students do not passively listen to a lecture; they must think through a problem or situation. They learn that they can interpret data, which is a fundamental skill for engineers.

TECHNOLOGY TOUR

Among the biggest exhibit floors in the energy industry, the OTC exhibit floor reveals all aspects of the offshore oil and gas industry. From helicopters to blow out preventers to crew quarters for offshore rigs, the exhibit floor has it all! Participants in the teacher workshop get to tour and chat with energy professionals showcasing their technologies and services.

TWO WORKSHOPS

The Energy Education Institute conducts two events—one for high school students and another for teachers at all grade levels. Teachers and students will participate in grade-appropriate energy exploration experiments provided by the NEED Project. Schools are limited to 25 students, and one chaperone must accompany every 10 students. ExxonMobil generously sponsors the workshops.



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50 YEARS
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REGISTRATION IS OPEN AND LIMITED TO 100 TEACHERS/ 200 STUDENTS

Energy4me is no cost to your teachers or school.

We reimburse schools for teacher's substitute. Free breakfast and lunch served.

STUDENTS

http://go.spe.org/EEI_Students2019

TEACHERS

http://go.spe.org/EEI_Teachers2019