

TECHNOLOGY DAY

SPONSORED BY

**ILLINOIS-TECHNOLOGY STUDENT ASSOCIATION
(IL-TSA)**

WEDNESDAY, OCTOBER 9, 2019

HOSTED BY

**ILLINOIS STATE UNIVERSITY'S
TECHNOLOGY & ENGINEERING EDUCATION COLLEGIATE
ASSOCIATION**

On Wednesday, October 9, 2019, the Illinois Technology Student Association will sponsor its eighteenth Technology Day in the Bone Student Center Ballroom on the campus of Illinois State University. This event will be hosted by the Department of Technology's Technology & Engineering Education Collegiate Association. Technology Day is an opportunity for 6-9 (Level 1) and 10-12 (Level 2) students to learn about technology and engineering education from a standards point of view, through an extra-curricular type of format, competing against students from all over the state of Illinois in hands-on, problem-solving, engineering-based activities/challenges.

- Schools do not need to have a TSA chapter to participate; students other than TSA members may compete in any of the events.
- Pre-registration, including pre-payment, is required for competition. There will be no on-site registration for any event. **The entry fee will be \$15.00 per team.**
- School purchase orders and vouchers will be accepted. Checks should be made payable to: IL-TSA.
- Competition will not be allowed without proper pre-registration. Entry fees will not be refunded for persons not attending. Substitutions may be made for any competitor who cannot attend.
- **Pre-registration materials must be received in the IL-TSA State Office no later than October 1, 2019. An electronic registration form has been provided for you on the IL-TSA web site (www.iltsa.org).**
- **Due to increased interest in Technology Day, the competitions will be limited to 190 total teams. Illinois TSA will accept the first 190 teams with paid registration.**
- **Mail your fees to: Dr. Josh Brown, IL-TSA, Campus Box 5100, Normal, IL 61790-5100.**

There will be two (2) levels of competition. Level I for students in grades 6-9 and level II for students in grades 10-12. Each school will be allowed a total of two (2) teams in each level of competition for each event (unless otherwise noted). The teams will include two (2) members. Winners in each level, of each event, will be recognized and presented awards. **Because of the competition schedule, students may compete in only one on-site challenge.**

In addition to the traditional Technology Day events, this year we will host a Vex Robotics challenge. Each school may register one (1) Vex Robotics team to compete in the "Tower Takeover" challenge. The Vex Robotics team may have up to four (4) students. This is not an official VEX qualifying competition.

Parking is available in the parking lot directly beside the Bone Student Center. All drivers are encouraged to drop off their students at the Bone Student Center and then park their vehicles (please see ISU maps at <http://www.ilstu.edu/map/>).

Schedule of Events:

8:30 – 9:00	Arrival
9:00 – 9:15	Opening session
9:15 – 11:00	Technology Education Events
11:00 – 11:30	Judging
11:30 – 12:30	Lunch (on your own)
12:30 – 1:15	Awards and Closing

Competitive Events:

Competitions for Technology Day 2019 will include FIVE DIFFERENT events:

- Engineering Design
- Invention/Innovation
- Structural Technology
- Transportation Technology
- Vex Robotics “Tower Takeover” Challenge

Note: All events are based on the *National Standards for Technological Literacy: Content for the Study of Technology.*

Student teams will need to bring the following to the competition:

- Ruler
- Safety glasses
- Tape measure
- X-Acto knives

Other tools relevant to the challenges will be supplied by IL-TSA. Note: Students and teachers will receive the problem, directions, and materials on the day of competition.

Contact Personnel:

If you have questions regarding the competition please contact Dr. Josh Brown, IL-TSA Post Secondary Coordinator, Department of Technology, Illinois State University, at 309.438.5874 or by e-mail at jbrown4@ilstu.edu.