

# TEAM

*Technology Education Association of Missouri*  
*The Industrial, Engineering, and Technology Teachers of Missouri*



Welcome back to the 2016-2017 school year fellow industrial technology teachers. I am the new TEAM president. I want to tell you a little about myself. My name is Greg Heuring, I have

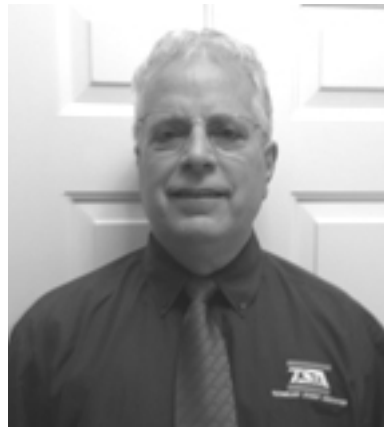
been teaching for 7 years at Sikeston Junior High School. I teach 7th & 8th grade woodshop and industrial technology. I have also created an advanced woodshop class. I co-sponsor Science Olympiad, Junior Beta, and Engineering Club. I came to teaching later after working several factory jobs in which I was laid off several times and had a few that the company dissolved. I decided it would be in my best interest to go back to school and get a degree so I could get a job that is a little more stable. I received my degree at Southeast Missouri State University in industrial technology. I now have a master's in administration from SEMO as well. I have been married for 25 years and have two children. My son is 18 and is attending Nashville Auto Diesel College. My daughter is 12 and is very active in her middle school. I feel that this organization is very beneficial and the meetings we try to put together can help to all in the field. I would encourage everyone to join TEAM and ACTE and take advantage of all the summer conference in Springfield has to offer. It is a great place to collaborate with each other and get new ideas.

As the new TEAM president, I would encourage anyone to contact me with ideas for workshops that you think could help us in any way. I am currently working on getting some new workshops set up for the 2017 MO ACTE Summer Conference.

For questions or to submit any new ideas for workshops for summer conference, please e-mail me:

Greg Heuring: TEAM President  
gheuring@sikeston.k12.mo.us

## ***Greetings from DESE!***



I am Tom Schlimpert, the new Director of Engineering and Technology, replacing Jim Hogan, who moved back home to Adrian to teach PLTW classes. Jim is a real champion for technology and engineering education as well as a consummate professional. I have big shoes to fill!

A quick summary of my background and experience includes; growing up in St. Louis, earning three degrees from Southeast Missouri State University, married my college sweetheart (going strong for 42 years), taught eighth grade Earth Science for twelve years, became assistant principal then principal at Poplar Bluff Jr. High before finishing my thirty-one year career as a middle school principal in Columbia. I've been working at the Department for ten years with experience in The Leadership Academy, School

Counseling, and now Technology and Engineering.

While I do not have current experience in technology education, program development and management, professional development, and a practitioner's understanding of teaching and learning are my strengths. In reviewing the informative TEAM website and carefully listening in this period of rapid learning, I connect with TEAM and Industrial Technology teachers as my cousin and close friend, Dennis Meyr, was an exemplary teacher that taught me a lot. I also value the practical skills taught in those classes and have a desire to continue with "the good ol' days" of shop. The challenge for each educator is learning how to hold on to what is proven while providing readiness learning and experiences required by our work force and society.

Things that remain constant include benefits of "hands on experience", real world, practical application and working with people. As society, legal issues, and work force demands require the way those experiences are provided to continually change. The TEAM website links to ITEEA, Missouri ACTE, TSA, and MCCE, all quality programs with similar purpose. My position has primary focus on PLTW, TSA, and Engineering by Design. What I've learned about each is they support real world application of necessary skills and abilities that are good for kids and society. I look forward to learning with you on the quest to honor historically effective methods while embracing the exploding demands for technology and STEM skills and work place readiness.

### ***Items of Interest***

**TSA** – The Technology Student Association is one of nine federally recognized Career and Technical Student Organizations that supports the goals of TEAM. Missouri TSA membership continues to grow as students reap benefits from this well designed program. Serving as a Chapter Advisor is an ideal way to extend your classroom instruction with engaging, meaningful and

rewarding TSA activities for your students.

National TSA = <http://www.tsaweb.org/>  
Missouri TSA = <https://dese.mo.gov/college-career-readiness/career-education/career-education-programs/technology-engineering-education>

***ITEEA*** – International Technology and Engineering Educators Association <https://www.iteea.org/> is a world renown STEM organization. Their Engineering by Design (EbD) curriculum is a sound K-12 developmental program based on technology standards, STEM experiences and effective instruction and assessment. It is a viable, less expensive and more flexible option to PLTW. It is a natural blend of Industrial Technology and hands on STEM based instruction.

### ***Check Out***

The new Technology and Engineering STEM Professional Development webinar series <http://files.constantcontact.com/18b2f62cff/4605dfa4-46d0-402a-817d-1966bc88b4cd.pdf>

The DESE sponsored Technology and Engineering Grant Award Program designed to partially reimburse training and start up expenses for EbD and middle school PLTW courses (Gateway) <https://dese.mo.gov/college-career-readiness/career-education/forms-applications>  
\* NOTE: Grant application for 2017 will be updated and available after the first of the year.

\* EbD training date and location for 2017 are TBD

\* ITEEA National Conference – March 16-18, 2017 in Dallas, Texas - <https://www.iteea.org/>

\* Please contact me if I can be of service!

***Tom Schlimpert:*** [Tom.schlimpert@dese.mo.gov](mailto:Tom.schlimpert@dese.mo.gov)  
Director of Engineering and Technology Edu.

MODESE

PO Box 480

Jefferson City, Missouri 65102

573-751-7764

## ***TEAM Awards Program and Engineering Expo News***

Welcome back everyone; if you haven't heard by now the TEAM State Contest and Engineering Expo is on the move. We have left the 4 Seasons Resort because of the increasing cost of the rooms and facility rental to a little more cost effective site. So the 2017 event will be held at Tan-Tar-A Resort on Lake of the Ozarks in Osage Beach, MO. We're not moving far but it will help hold down the cost of the contest and save you a little on room cost. There is one disadvantage and that's for those who have the large projects and have to bring them in on panel trucks or trailers, off loading and loading will require some driving skills. Backing those trucks and trailers is imperative.



Go to the TEAM Homepage and click on the Contest Link for Tan-Tar-A Reservation information.

### ***There will be a few changes at the 2017 State Contest***

The OD Model Category has a minor change please check it out. Architectural Models will be entered in the architectural category next year under AD-3 Architectural Presentation.

In reference to using CNC, if you use CNC to enhance the appearance of the project with some type of art or scroll work, it is just like using a router and profile bit to decorate the edge of the project and will be entered in the WO 1, 2, or 3 categories.

\*Projects will be required to have all documents in or attached to a project folder, the project folders will be required to have the Project Entry ID and the Classification on it. Project Entry ID numbers will be in the packets received at the state contest.

**Participant Eligibility:** Students who meet the following criteria and whose teacher is a member of the Technology Education Association of Missouri (TEAM) and the Missouri Association for Career and Technical Education (MOACTE) are eligible to enter the State Industrial Technology Education Contest. Teachers must join prior to March 1<sup>st</sup>, Teachers **can not join** at the District or State event... Membership is **required** to take part in the Expo.

A student is eligible to participate in the State Contest provided he or she meets the following conditions:

1. Is enrolled in one or more industrial technology education courses in a public, private, or parochial school in the state of Missouri.
2. Is a student in grades 6 through 12.
3. Is under 21 years of age on July 1 of the year of the State Contest.
4. Agrees to be present for the State Contest to complete a knowledge-based test, and include a technical report covering information relative to his entry.
5. Has their project accepted and certified for the State Contest through participation in a District contest.
6. Student is currently in Academic good standing with his or her school district.
7. *Student agrees to adhere to the TEAM Code of Conduct and has completed permission/medical release forms required by his or her school.*

**NOTE:** Students in post high school are ineligible.

Winners in the Missouri Industrial Technology State Contest will be selected on the basis of a combined project and/or knowledge score, (seventy-five percent project score and twenty-five percent knowledge score). The knowledge score will be based upon a written examination, based in the area which corresponds to the division, classification, and group entered.

Students may participate in any STEMs Expo event without participating at a district contest, Expo registration is due no later than one week prior to the State Contest.

Schools may participate in a district contest other than their designated district if the alternate district contest is closer to their school or the date is more convenient for the school to attend.

**Comments from your State Contest Coordinator;** I just want to thank everyone for your continued help at the contest. There is no way we could get this event run off in the amount of time we allow without the help of all our volunteers. So thank you District contest coordinators for organizing and managing you respective contest. I know it takes as much time and effort to run your district events and then get your district entries into me prepare for the state contest. There is a long list of volunteers that I can't thank enough at the state contest. From those who help with setup, those who assist with testing, those numerous judges who score the projects, and then there's the Expo, and those expo coordinators that run there events, score the results and get the results in before the awards program. We do it all in one day, and many don't even have a night stay on their tab. So it is the most cost effective contest in the state.

So Thanks everyone for your continued Dedication and Support.

Now it's my turn to ask for your help. We could use your help at the State Contest. We need your help with Testing, Judging, coordinating and running our Expo events, supervision and monitoring students. So visit the TEAM website (<http://www.moteam.org/>) click on the contest home page link and plan to attend the 2017 TEAM Awards Program.

**District Contest Chairman**

**Northwest District**

Ryan Stobaugh  
ryan.stobaugh@sjsd.k12.mo.us  
Bob Langner  
bob.langner@sjsd.k12.mo.us

**Kansas City Suburban**

Rick Gwinn  
rick\_gwinn@isdsschools.org

**Northeast District**

Gary Duncan  
garyduncan@moberlyspartans.org

**Southwest District**

Brad Boettler  
bboettler@aurorar8.org  
Steve McNaught  
S.McNau@mchsi.com

**Central District**

Jason Rathert  
jrathert@odessa.k12.mo.us

**St. Louis Suburban**

Dan Barton  
dbarton@jburroughs.org  
David Jackson  
David.Jackson@kirkwoodschoools.org

**Southeast District**

Jaron McMurry  
jmcumurry@chaffee.k12.mo.us  
Dave Gray  
dgray@valley.k12.mo.us

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Registration deadline for 2016/2017 memberships is March 1<sup>st</sup>.

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**Technology Education Association of Missouri  
Membership Renewal Form**

\_\_\_\_\_  
(Last Name) (First Name) (MI)

\_\_\_\_\_  
(Address) (\_\_\_\_ New Address?)

\_\_\_\_\_  
(City) (State) (ZIP) (Mobile Phone Number)

\_\_\_\_\_  
(School Name) (School Phone No.) (TEAM District)

\_\_\_\_\_  
(Email Address)

Missouri ACTE # \_\_\_\_\_ ACTE member # \_\_\_\_\_ I am a first time Missouri ACTE member \_\_\_\_\_

Make checks payable to TEAM  
and mail to:

TEAM/MOACTE	\$55.00 ____ / Office Use	TEAM
TEAM—Student	\$ 5.00 ____ / CK _____	co: Steve McNaught
TEAM—Retired Teacher	\$10.00 ____ / C _____	803 Hickory Street
ITEEA “Prof. E-Member”	\$80.00 ____	Cassville, MO 65625
ACTE	\$80.00 ____	

Total: \_\_\_\_\_

***\$10 Processing & Handling Fee for a Purchase Order***