



This document provides a full description of the new initiatives and opportunities that ITEEA has been actively pursuing in an effort to aggressively support the profession and its members. This communication highlights the numerous programs and resources offered. There are many more initiatives we are enthusiastically exploring and hope to share with our membership in the future. We are excited about the future for ITEEA and our profession! We hope that Technology and Engineering Educators join us in the journey to build our profession into the best it can be and deliver the ultimate educational experience for all the children we serve!

ITEEA INDIVIDUAL PROFESSIONAL MEMBER BENEFITS

ITEEA Member Benefits At-A-Glance

As a member of ITEEA, you will receive these benefits:

- A complimentary annual electronic subscription (8 issues) to ***Technology and Engineering Teacher (TET)***, ITEEA’s flagship publication
- An advocate on Capitol Hill that will ***support your voice and position in leading technology and engineering and STEM education***
- ***Insurance Programs***—particularly ***Professional Liability Insurance***—offered at discounted rates: Offer FREE Term Life to new members (2 years, \$40,000)
- Eligibility to receive ***grant and scholarship funds***
- ITEEA publications, product, and Engineering byDesign™ course and unit discounts (up to 20% in most cases) offered in our eStore
- ***“Members Only”*** access to the IdeaGarden listserv (a teacher-to-teacher discussion forum) and ITEEA’s EXTENSIVE online library to include publications, standards documents, conference presentations, white papers, and more
- ***Free resume posting*** on ITEEA’s website

ITEEA Annual Conference-Specific Benefits:

- ***HUGE Savings on conference*** registration
- ***Eligibility to present*** on a topic of interest or take part in ITEEA’s ***Teaching Technology and Engineering STEM Showcase*** – a exchange of best practices in the field
- Eligibility to receive ***awards and special recognition individually, and for your school and program***

CURRENT MEMBERSHIP PROMOTIONS:

BACK to SCHOOL SAVINGS - \$10 off Individual Professional Membership

JOIN and SAVE STUDENT PROMO - \$25 membership price sponsored by CNC Software/Mastercam



A CLOSER LOOK AT ALL THAT ITEEA HAS TO OFFER:

Strategic Partnerships

ITEEA has stepped up its efforts to form strategic partnerships with other like-minded organizations. Through these relationships, we can better ensure that our collective message— to lead technology and engineering in the STEM arena— and goals are better leveraged. ITEEA embraces active participation from every member! We firmly believe that our number one partnership opportunity and strength is through the educational excellence shared through our members' involvement and leadership at the local regional, state, national, and international levels!

The following represent a few of these strategic partnership efforts. More are being planned and will be shared with the membership as they develop.

- **National Academy of Engineers' (NAE)** involvement with the Next Generation Science Standards – ITEEA is actively involved in the critical effort to position technology and engineering teachers to deliver the T and E of STEM in the standards. ITEEA has been identified as a lead partner, along with NSTA, ASEE, and Achieve Inc. to develop a complete set of teacher-friendly tools to deliver STEM education. The Chevron Corporation is funding this major project through the NAE.
- As part of its Executive Committee, ITEEA is working strategically with the **Triangle Coalition for STEM Education** to help further STEM legislation. The Triangle Coalition's mission for STEM Education is to bring together government, business, and education to enhance efforts to foster a STEM-literate workforce and citizenry.
- **ITEEA's STEM Center for Teaching and Learning** is involved in a number of new initiatives. New elementary curriculum has been developed and launched to deliver 20 instructional units in each grade, K-5, based on an integrated thematic delivery through technology, engineering, environment, mathematics, and science (TEEMS). The middle and high school Engineering byDesign™ courses have been aligned with the [NAE Grand Challenges](#) and are in the process of being aligned with the newly released NGSS and TSA events.
 - The STEM Center for Teaching and Learning has finalized an **Autodesk partnership** that will enable EbD Network teachers and students to gain access to free Autodesk software. Additionally, the EbD network schools currently without access will also receive this software.
- ITEEA has “teamed” with the **Technology Student Association (TSA)** to promote its “TEAMS” (Tests of Engineering Aptitude, Mathematics and Science) Competition, in which students apply their knowledge of skills in science, technology, engineering, and mathematics (STEM) to issues facing our global society. Focused on an annual theme, original academic and innovative concepts are developed for the competition based on the National Academy of Engineering's Grand Challenges. Engaging in the challenges requires critical job-readiness skills such as teamwork, analytical thinking, and multi-dimensional problem solving.

ITEEA'S STEM ⊕ Center for Teaching and Learning™:

ITEEA's STEM ⊕ Center for Teaching and Learning™ has developed the only standards-based national model for Grades K-12 that delivers technological literacy in a STEM context. The model, Engineering byDesign™ is built on the Common Core State Standards ([High School](#) / [Middle School](#), with NGSS coming soon), [Standards for Technological Literacy](#) (ITEEA); [Principles and Standards for School Mathematics](#) (NCTM); and [Project 2061, Benchmarks for Science Literacy](#) (AAAS). Additionally, the Program K-12 has been mapped to the National Academy of Engineering's [Grand Challenges for Engineering](#).

Top 10 Reasons that Technology and Engineering Educators cannot live without the STEM ⊕ Center:

10. Connects to industries in multiple states to develop curriculum that is workforce friendly;
9. Provides curriculum resources for teachers that are user friendly and standards-based;
8. Delivers summer workshops for teachers that are hands on and affordable;
7. Stays connected to the Common Core State Standards and the Next Generation Science Standards through EbD™;
6. Conducts research on teaching and learning that makes the case for technological and engineering literacy;
5. Has the only standards-based K-12 model program in Engineering byDesign™;
4. Has the only pre/post assessment system that links directly to the Standards for Technological Literacy and can show teacher effectiveness through student growth;
3. Represents and leads an 18-state consortium that is leading the profession in curriculum, instruction, and assessment (and free resources to teachers in the states);
2. Maintains ebDonline – a nationwide online learning community where teachers can exchange ideas and connect with other teachers;

And the #1 Reason for T&E teachers cannot live without the STEM ⊕ CTL is...

1. **You can join the over 1200 teachers at 550 schools in 24 states cannot be wrong and are using the resources every day!**

Professional Development and Networking Opportunities

Whether you're a seasoned professional or just starting out, ITEEA membership provides you with avenues to pursue career goals and develop your professional portfolio. Your ITEEA membership opens up a wide variety of opportunities to present your ideas and get involved with colleagues locally and globally. Your involvement connects you with 'Like-minded' colleagues providing you with a sustainable professional growth network and synergism to support all of your career endeavors!

- **ITEEA's new Emerging Leader (EL) Honor:** <http://www.iteea.org/Awards/awardel.htm>
ITEEA's new Emerging Leader honor is a coveted mark of distinction in technology and engineering education that was developed in response to ITEEA's Strategic Plan created in 2011 in order to develop the guiding association priorities for the years 2012-2015. The Emerging Leader honor has been developed to recognize high-achieving educators in the technology and

engineering education profession who have demonstrated a high level of competence and professional activity.

The Emerging Leader (EL) provides a means for recognizing the outstanding performance and accomplishments by those who have at least five years of professional experience in delivering technology and engineering education. The EL is a coveted mile marker for the achievement of professionals that is based on earned attainments. Additionally, the EL is considered to be a stepping stone to help measure the progress of educators who may continue their professional contributions to earn the honor of being recognized as a Distinguished Technology and Engineering Professional (DTE).

- **ITEEA's Distinguished Technology and Engineering Professional (DTE) Honor:**
<http://www.iteea.org/Awards/awarddte.htm>

ITEEA created the Distinguished Technology and Engineering Professional (DTE) program to provide a means for recognizing outstanding performance and accomplishments in the field of professional technology and engineering education. As one of the highest honors for professional achievement in technology and engineering education, the DTE designation recognizes the attainments of technology and engineering educators.

Consideration for the award is based upon documented evidence of leadership/management skills, continuing participation in association education programs, and demonstration of leadership in association, community, and personal activities.

The Distinguished Technology and Engineering Professional program acknowledges the essential principles of adult learning. It incorporates into the process recognition and credit for work experiences and other accomplishments. The program recognizes those areas of technology and engineering education the DTE Board has determined to be most reflective of successful professional attainment.

- **ITEEA Conference: (Retooled to address classroom teacher needs!)**

The **annual ITEEA conference** provides an unparalleled opportunity for technology and engineering educators to gain comprehensive professional development and networking experiences. ITEEA members pay a reduced rate to attend and can choose from dozens of interest sessions, workshops, and social events. This is a unique opportunity to learn from and share with other technology and engineering education professionals in a variety of formats.

2014 ITEEA Conference Highlights: The theme for the 2014 conference is *Technological and Engineering Literacy Core Connections*. Steve Price, current ITEEA president from Georgia, points out that the current push in education is interdisciplinary education and that he believes that our programs are the setting where students take the basics and create the exceptional. Our teachers and supervisors are in a unique position to initiate interdisciplinary activity involving math, science, and other courses, with technology and engineering as the guide. Building on this theme and providing teachers with current resources, ITEEA has heard its members and is making significant changes and additions, aimed at truly making T and E the heart of STEM:

- The **Teaching Technology and Engineering STEM Showcase** (formerly TechFest) has a new day, new time, new location, and a whole new look and feel—including a celebration reception afterwards for all attendees! The Showcase provides an excellent forum to feature an idea, technique, or best practice related to learning activities, marketing materials, career guidance, facility design, program design, assessment methods, equity, or classroom and laboratory management techniques. Showcasers are asked to illustrate a single element of technology or engineering teaching and learning that they feel they have exemplified. Please come join us and

share your best STEM activity/lesson in Orlando! The webpage link to apply as [Showcase](#) presenter can be found at <http://www.iteea.org/Conference/apptopresent.htm>.

- The opportunity to **bring your Administrator at no additional cost** (complimentary registration). A special strand of presentations will be offered that are designed for Administrators to build understanding and support for your program!
- A new strand for **Technology Student Association (TSA)** advisors to include TSA Competitions in EbD, TEAMS event, assessment rubrics, and much more!
- **SeaPerch Underwater ROV Build and Competition** and a special Robotics tournament (just one of ITEEA's TEECA competitive events) will be center stage in the Exhibit Hall for you to watch LIVE!
- **New Saturday Awards Brunch**—a great way to cap off your conference experience with an event that now combines professional development and entertainment!

The most important benefit that you can get from an association is the ability to contribute to and share with others as well as learn from their experiences. We will continue to work to provide ITEEA members with these important opportunities.

We have redesigned the Exhibit Hall Vendors Display Area so that attendees will have a more relaxed atmosphere to see all the latest and greatest in resources and materials for our field—we all know that our field is constantly changing, and we need to stay current with the new products that are out there to help us do the best job possible.

- The **IdeaGarden listserv** is just one way that ITEEA members' network. The "Garden" generates real-time dialogues between active members pertaining to educational programs and events, future-focused research, knowledge resources, as well as identifying and showcasing new ideas and innovators in teaching and learning.
- **Social media**, including Facebook and Twitter. ITEEA's Facebook page has nearly 1000 participants and has become a place where many educators go to find the latest news and resources. ITEEA's Twitter page, with more than 1500 followers, was recently named #11 on the list of "50 Essential Twitter Feeds for STEM Educators" by BestCollegesOnline.com.
- **Robust Grant/Scholarship/Awards Program** – ITEEA members can be considered for numerous grant, scholarship, and awards opportunities. Individuals can earn recognition as outstanding technology and engineering teachers, Distinguished Technology and Engineering Professionals, Emerging Leaders, and more.
- **ITEEA Councils** – ITEEA members have an opportunity to take an active leadership role in an association that supports them and their interests. ITEEA currently has four councils that address four areas of education
 - *Children's Council (CC)* – provides technology education in the *elementary school* (dues include a subscription to *CTE*)
 - *Technology and Engineering Education Collegiate Association (TEECA)* – serves undergraduate students and consists of *undergrad student organization chapters* and individual *student members* (student members of ITEEA automatically become TEECA members),
 - *Council for Supervision and Leadership (CSL)* – provides leadership to *technology education coordinators, and those in supervisory roles*
 - *Council on Technology and Engineering Teacher Education (CTETE)* provides leadership to *colleges and universities, or higher education*

Member Resources

ITEEA membership puts valuable resources at your fingertips—standards-based curriculum, classroom-proven tips and activities, on-trend issues and research, plus unlimited searches of our Online Library. Up-to-date information is found quickly and easily. ITEEA publishes a wide variety of publications that lead the profession by providing teaching directions, instructional ideas, and networking opportunities. All ITEEA publications are available at free or reduced cost to members.

- ITEEA members receive a free subscription to ***Technology and Engineering Teacher***—the leading professional journal of technology and engineering education. Each issue contains ideas for the classroom and technology learning activities that teachers find very useful. These activities are successfully being used in classrooms around the country and are age-appropriate for students in Grades 6–12.
- **Members Only** – an extensive online library including archived issues of *TET* as well as access to Career and Professional Recognition Links. Free to ITEEA members.
- **STEM Education Product Guide** – a one-stop guide where technology and engineering educators can find the latest curriculum materials designed to help create a successful classroom experience resulting in technological literacy for ALL students.
- **STEM Connections** - a FREE monthly newsletter service of ITEEA with a goal of supporting technology and engineering educators from around the world who share the belief that technological literacy is a critical component of an education in today's world. *STEM Connections* regularly brings you timely information pertaining to professional development opportunities, assistance with marketing your program, information about legislative efforts, opportunities to connect and share information with other technology educators, and MUCH more!
- **Children's Technology and Engineering** - written expressly for elementary teachers and published four times during the school year (September, December, March and May), *Children's Technology and Engineering* is packed with practical, innovative, and creative articles and hands-on activities. Features also include Books to Briefs, Career Connections, Funding Solutions, Literacy Strategies, Quick Activities, and more! FREE for ITEEA Children's Council members.
- **Journal of Technology Education** - *JTE* is a refereed scholarly journal that provides a forum for discussion of technology education. Conceptual as well as research-based articles are published. This biannual journal is cosponsored by ITEEA and the Council on Technology and Engineering Teacher Education (CTETE). Available at a reduced rate to ITEEA members.
- **Resources Webpage** – a plethora of information such as:
 - Where to Get a Degree, preparing for the Praxis Test; Technological Literacy Advocacy Materials
 - Access to Technological Literacy Standards and related materials
 - Women in Technology Portal - a plethora of resources such as Women Tech Talk, Role Model Biographies, and Retention and Recruitment Strategies in 5 Easy Steps
 - Links to State Supervisors and Associations
 - PBS Resources...for ALL ages...such as Design Squad, Go Cyberchase and Teachers' Domain for educators
 - Career Connection
 - Over 100 links to teacher-recommended websites