



2012 National Conference Schedule

Wednesday, March 14, 2012

TECA Management Board Meeting

5:30 PM

Catherine Edwards – 2011-2012 TECA National President, Presiding

TECA Advisor's Meeting

7:00 PM – 8:00 PM

Jerianne Taylor – 2011-2012 TECA National Advisor, Presiding

Welcome Session

8:00 – 8:30 PM

Catherine Edwards – 2011-2012 TECA National President, Presiding

Students, Advisors, and friends of TECA will be welcomed to the 74th Annual Conference. TECA contest information will be distributed to participating teams. (Many of the challenges will be posted online prior to the conference.)

Technology Challenge

8:30 PM - 10:00 PM

Facilitators: Jerianne Taylor – 2011-2012 TECA Advisor & TECA National Officers

A quiz-bowl type of competition between TECA-affiliated chapters, with questions related to technology and professional education topics.



2012 National Conference Schedule

Thursday, March 15, 2012

Robotics Contest

12:00 PM - 1:00 PM

Facilitators: Steve Shumway – 2011-2012 TECA Robotics Contest Coordinator & TECA National Officers

Participants design, fabricate, test, and demonstrate the use of a robot to complete a task. Following the demonstration participants will give a brief presentation relating to the design of their robot.

Transportation Contest – at the Renaissance pool

1:00 PM - 2:00 PM

Facilitators: Len Litowitz – 2011-2012 TECA Transportation Contest Coordinator & TECA National Officers

The TECA Transportation Contest is about conceptualizing, designing, and constructing a transportation device or craft for optimal efficiency. The contest has several variations and involves concepts associated with air, land, sea, space and/or intermodal transportation. Participants will present the vehicles at this time.

CSL/TECA Employability Strategies

4:00 PM - 5:30 PM

This is a time for prospective candidates and employers to interact in mini interviews. Teachers and future teachers looking for employment should bring their resumes and dress to impress.

Teaching Lesson Contest

5:00 PM - 7:00 PM

Facilitators: Geoff Wright – 2011-2012 TECA Teaching Lesson Contest Coordinator & TECA National Officers

The TECA Teaching Lesson Contest evaluates how well an individual or pair of students teach others about a technological topic.

Manufacturing Contest

6:00 PM - 9:00 PM

Facilitators: Andy Klenke – 2011-2012 TECA Manufacturing Contest Coordinator & TECA National Officers

The teams design, document, fabricate, and implement a continuous manufacturing system to produce an assigned product.

Problem Solving Contest

9:00 PM - 11:00 PM

Facilitators: Duane Renfrow – 2011-2012 TECA Problem Solving Contest Coordinator & TECA National Officers

The teams present their solution to a defined problem solving challenge given out at the welcome session.



2012 National Conference Schedule

Friday, March 16, 2012

Communication Contest - Turn In

8:45 AM

Facilitators: Tom Loveland & Geoff Wright – 2011-2012 TECA Teaching Lesson Contest Coordinator & TECA National Officers

Teams plan and produce a short video on a topic related to the conference. The videos will be shared during the Awards Dinner.

All video entries for the TECA Communication Contest must be turned in at the designated location at this time.

TECA Interest Session: First Year Teacher

2:00 PM - 2:50 PM

Facilitator: Julianna Ryan

Presenters: Adam Brunner & William J. Rumaker III

A panel presentation and group discussion highlighting what to expect during the first year(s) of teaching.

TECA Interest Session: Preparing for the Competition

4:00 PM - 4:50 PM

Facilitators: Zach Pixler and Andrew Marra

Presenters: Select TECA Judges

A panel presentation and group discussion on how to succeed in the various TECA competitions.

Awards Dinner & Closing Ceremony

6:00 PM - 8:00 PM

Catherine Edwards, Presiding

The Awards Dinner and Closing Ceremony recognizes the winners from the various competitions at the conference, outstanding chapters and members, as well as the accomplishments of TECA during the 2011-12 year. A dinner buffet will be served before the awards and is included in student conference registration.

Additional tickets will be available.



2012 National Conference Schedule

Saturday, March 17, 2012

Teaching Technology & Engineering

Showcase

9:00 AM - 11:00 AM

The Showcase provides a 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 illuminate a single element of technology and engineering teaching and learning that they feel they have exemplified.

2012 – 2013 TECA Officer Team Work Session

10:00 AM - 12:00 PM

Dustin Roten, 2012-2013 TECA National President, Presiding