

Engineering & Technology GaeTE					
Format of Session	Day of Session	Start Time of Session	End Time of Session	Session Title	Session Description
Lecture Presentation	Monday, July 16	8:00 a.m.	8:45 a.m.	GAeTE Annual Business Meeting and DOE Update	Engineering and Technology Division Annual Business meeting and DOE update - this meeting is for all Engineering and Technology Education attendees.
	Monday, July 16	12:45 p.m.	2:00 p.m.	GAeTE Luncheon	
Lecture Presentation	Monday, July 16	3:00 p.m.	3:55 p.m.	Exploring the Benefits of Externship Opportunities	In this session we will discuss how externships can provide an avenue for educators to "market" their CTAE programs and spread the word to students about upcoming advancements within the industry. We will also discuss that how engaging with and industry based practices could help teachers prepare meaningful and relevant lessons and curriculum content. This is also a great opportunity to build relationships with industry where they can become guest speakers, mentors, advisory committee members or offer internships for your students. Come learn about an exciting way for you to expand your industry-based knowledge and transfer it to the curriculum
Lecture Presentation	Monday, July 16	3:00 p.m.	3:55 p.m.	Teaching Work Ethics To Students	We all know that industry wants us to teach work ethics. this is how I have been helping my students to learn basic skills that many times we assume they learn at home. Come see how I use technology for real time monitoring of skills.
Lecture Presentation	Monday, July 16	4:05 p.m.	5:00 p.m.	Kissing the Bricks!	Harlem High School working with Textron, and other local companies wins the First Greenpower F24 electric car race held at the famous Indianapolis Motor Speedway (aka. The Brick Yard). find out how working together with business partners lead this small high school's team to victory and ultimately Kissing the
Lecture Presentation	Monday, July 16	4:05 p.m.	5:00 p.m.	Building Useful Partnerships	Need a better idea for getting industry involved in your classroom? I will show you some things that work and some that don't to get businesses involved with you!
Lecture Presentation	Tuesday, July 17	10:45 a.m.	11:40 a.m.	Safety Posters and More	Need safety posters for your lab? Need project ideas to use your machines to their full capabilities? Then come on by and leave with some safety posters and project ideas!
Lecture Presentation	Tuesday, July 17	10:45 a.m.	11:40 a.m.	Using the Design Process in Project Based Learning	The design process is foundational for teaching engineering but how do you reinforce the process, keep track of student progress, and gather grades at the same time? This session will give specific strategies to do all of this and more while saving on grading time.

Lecture Presentation	Tuesday, July 17	11:50 a.m.	12:45 p.m.	Physics and Math with Engineering	Engineering is the original STEM, so adding math and science into your Engineering class should be easy! However, if you are not familiar with the relevant math equations and science concepts, it can be difficult to add them into your lessons and activities. This session will provide you with a day by day PowerPoint for a Physics problem of the day, bi-weekly quizzes, and answer keys for Foundations of Engineering and Engineering Concepts! Each math concept will be linked to an Engineering Project.
Hands-On Workshop	Tuesday, July 17	11:50 a.m.	12:45 p.m.	Developing Community Partnerships through Active Engagement	How do you connect with Business and Industry? Participants will be given ways to foster business and industry partnerships in order to create an active program advisory committee. Be sure to bring your laptop so that you may locate resources for the development of your very own advisory committee.
	Tuesday, July 17	2:15 p.m.	3:15 p.m.	TSA Update	