

2018 MTEEA Professional Development Theme: “Connecting Tech Ed, CTE and PLTW”

Sept. 27, Thursday at SCSU Pre-Conference 4:00 – 7:00 pm

Thursday Pre-conference fee - \$50

Held at St. Cloud State University labs in Headley Hall.

Parking will be in Parking Ramp (parking voucher will be provided). This is the link to the parking / campus map: <https://www5.stcloudstate.edu/campusmap/>

Select one of the following sessions (all sessions run from 4:00 to 7:00 pm with snacks provided. Dinner on your own afterwards.):

	Room 230	Room 212
4:00 – 7:00	Vex Robotics and Programming: Easy C (bring your own laptop) (Vic Dreier)	Inventor update (bring your own laptop) (Mike Sandell)

7:00 – 9:00 PM MTEEA Board Meeting - including Affiliate Presidents (Vikings Room at the Holiday Inn; please eat before the meeting)

Friday, September 28 at St. Cloud Holiday Inn Tech Ed, CTE and PLTW Professional Development

Friday fee: (\$150 for renewing members)

Tours: (shuttle vans provided from Holiday Inn)

9:00 – 10:30 Tour 1 – [Custom Caseworks](#) (Sauk Rapids) Office furniture design and manufacturing

1:45 – 3:10 Tour 2 – [Dezurik/APCO/Hilton](#) (Sartell) Manufacturer of valves for municipal and industrial applications

Friday Workshops and Vendor Session Schedule:

	River Bats	Twins	Vikings	
7:30 - 8:30	Registration and Networking			Vendor Display: 9:30 – 3:30
8:30 – 9:20	Best Practices in Automotive Workshop (MN Transportation Center of Excellence – Chris Hadfield, Mike Lehn, Dean Joslin)	Best Practices in Manufacturing Workshop (Bob Bonin and Superintendent Joseph Brown Jr.)	PLTW updates – PLTW DSE (Vic Dreier)	
9:30 – 10:00	Vendor Display/Networking			
10:00 – 11:30	Establishing Business Partnerships and Advisory Committees (Jason Bruns)	Workshop: Projects that work! (one year later...) Bring an example of a project that really works well for you	Best Practices in Teaching Construction Workshop (Ken Huling - North Central States Regional Council of Carpenters)	10:00 Announcing an all-in-1 3D Printer; PLA, ABS, ASA, and

		(show and tell!). (Numerous presenters; Facilitated by Mike Sundblad in the Pool area)	10:00-10:50 Advance Careers A middle and high school initiative from the SREB Center of Excellence (Jim Mecklenburg) 11:00 – 11:30	PL-ABS (Haldeman- Homme) 10:45 Google Expeditions (Best Buy) (11:30 Lunch)
11:30 - 1:00	FREE Recognition Lunch; Vendor display closed at lunch – Heritage Room 12:00 Welcome comments by ED/Pres/ITEEA and Featured Vendors 12:15 Awards			
1:00 – 1:30	Tech Talk: How do you manage machine and lab maintenance? (Discussion facilitated by Shawn Mars)	Tech Talk: Skills Training and Apprenticeships (Chuck Hentges)	Tech Talk: Expanding your PLTW or Tech Ed class to a K-12 STEM curriculum (Mike Lindstrom, DTE)	1:00 Skill Boss and Industry 4.0 (LAB Midwest)
1:40 – 2:10	Supercharge your Supermileage Program! (Mike Sundblad and Luke Becker)	Q&A Session on Perkins, Licensure, CTE Licensure and Work-based Learning (John Rapheal – and Kurt Helgeson)	PLTW Computer Science Options (Vic Dreier)	1:40 AVRover (LAB Midwest)
2:10 – 2:30	Vendor Display			
2:30 – 3:15	Workshop: Vinyl & Laser Cutters and Sublimation/diSub Printing (Mike Sundblad and Mark Schroll)	Display your student projects at the MN State Fair – Jay has all the details! (Jay Nix)	PLTW Launch – a feeder program for middle and high school (Stacy Helgeson)	2:30 Solar Boat Regatta (MRES)
3:30 – 4:00	MTEEA Annual Business Meeting – St Ben’s Room			
4:00 - 5:00	Social Hour & Door Prizes (It’s rush hour – you might as well stay for the social...) Legends Bar Area			

Please contact Mike Lindstrom (mike.r.lindstrom@gmail.com or 612-209-1739) with presenter and/or topic suggestions.