

Engineers' News

September 2019

Vol. 82 No. 11

www.FortWayneEngineersClub.org



Find us on 

September Tour



[Fort Wayne Fire Department main station, Fire Station #1](#)

[419 E. Main Street, Fort Wayne](#)

Thursday, September 26, 3:30-4:30 pm

All ages welcome.

Fire Station 1 is the main station for the Fort Wayne Fire Department located in downtown Fort Wayne. Station 1 is the home for Engine 1 (capable of pumping 1,250 gallons of water per minute GPM), Truck 1 (a 100-foot Aerial Ladder), Rescue

1, a dedicated SCUBA Truck, a water rescue raft, and, a Hazardous Material Response Unit. The station also houses the Battalion 1 fire crews.

Future Tour

October 17:

Stoller Dental Labs

7224 Engle Rd.

Fort Wayne, In 46804

(Website: www.stollerdentallab.com)

The Stoller Dental laboratory has been serving the dental community since 1977. They supply dentists around the country with different types of fixed and removable dental implants. Autocad drawings are used to custom design implants.

November 21: Pending confirmation, Citilink hybrid buses, and other systems.

December 19: Holiday social at Rod Vargo home, come & go 3:00-9:00 pm.

January 23: TBA.

Dates for February through June are pending.

FORT WAYNE ENGINEERS CLUB IS IN DANGER OF SHUTTING DOWN AFTER 85 YEARS OF CONTINUOUS OPERATION

We must have fresh Board members and more tour participation. The Board involves eight meetings a year, for about an hour and a half, in a very nice boardroom at Indiana Tech. Membership dues are now zero dollars, so essentially anyone is welcome at Board meetings, first Tuesday of appropriate months, at 7 pm in room ACC-201 (over the west entrance of the Academic Center). The next Board meeting is October 1.

Proposed FWEC roster for FY2019-2020

The comment period will be open for 60 days, and the annual cards will be mailed to

FWEC members on record:

President: John Magsam

Vice President: Nate Berndt

Treasurer: Ryan Stark (info@fortwayneengineersclub.org, or phone 456-0809)

Secretary: Marna Renteria.

First-year Board Members: Rod Vargo. Craig Welch.

Second-year Board Member: Rob Cisz. Need volunteer.

Third-year Board Member: Dave Gordon. Morgan Miller.

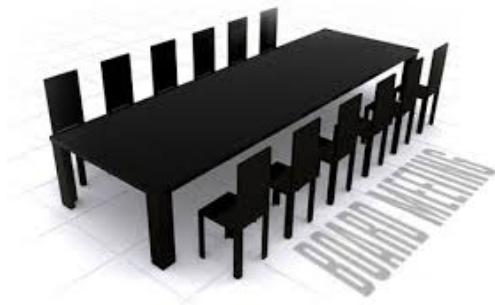
Editor of Engineer News: In transition.

Membership and Contact Chair: Dave Schaller.

Northeast Indiana DiscoverE Chair: Rob Cisz.

PLEASE CONSIDER ATTENDING MEETINGS AND/OR STEPPING UP INTO POSITIONS. Many of us have been serving for a decade or so. Some of us physically cannot continue participating much longer due to out-of-town or work circumstances.

FWEC Board Meetings



Fort Wayne Engineers' Club board meetings are open to all FWEC members. The next FWEC board meeting will be on October 1 at 7:00 PM. Board meetings are held on the [Indiana Tech campus in the Academic Center](#) in room ACC-201.

TekVenture Meetings Open to The Public

TekVentue holds a free public Open house and Social with pizza and drinks every last Friday of each month at 6 pm. All ages welcome. The first floor is 15,000 sq. ft and entirely handicap accessible. Various clubs meet there. The clay working area is booming. Computers are available. There are a stage and some theater. Productions each year. Some underutilized space is available for working on motor vehicles, near

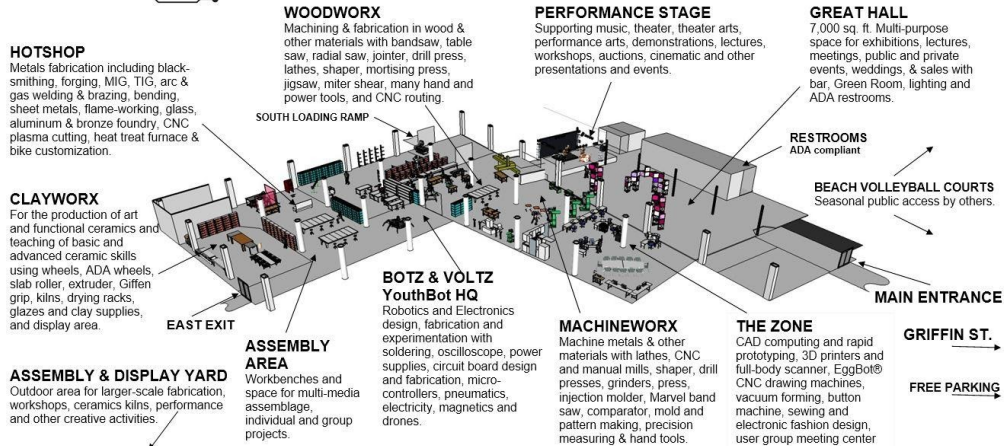
their machine shop.

Got something you want to make, a technique you want to learn or a tool you want to use? Come to TekVenture and start Making your future! See tekventure.org. This location has also substantially lowered their overheads and costs of membership.



PUBLIC ART & TECHNOLOGY WORKSHOP

Access to Tools, Community Education and Services to Makers & Creatives
Interconnecting Imagination, Technology and Community
A 501.c.3 Non-profit Indiana Corporation since 2006



RIVER CITY 1550 Griffin Street, Fort Wayne IN USA 46803 WWW.TEKVENTURE.ORG facebook.org/tekventure 260.432.1095

Northeast Indiana Project Management Institute



September 25th (Wed)

ACRES mission of permanently protecting local land, what that means to the communities we serve and how forever is accomplished

Heather will share with the group ACRES mission of permanently protecting local land, what that means to the communities we serve and how forever is accomplished.

Heather wants to know why you protect the land. From donor cultivation to writing grants, she listens to your dreams and goals for investing in this work. She pays careful attention because her job is to connect you to possibilities to realize your personal aspirations with ACRES Land Trust.

“From a very young age, I was instinctively drawn to trees. Even in the dead of winter, I could be found high up in a tree, book in hand, taking in a birds-eye-view of the natural world. I spent most of my childhood with my feet firmly planted in the canopy and I continue to find solace in natural settings.”

Her fondest memory is of walking trails with her daughter, then a toddler, listening to leaves rustling in the wind and imagining the secrets the trees were sharing of everything they had seen throughout their decades, sometimes centuries, of existence: Settlement, storms, development and all the creatures who lived among and enjoyed the company of trees, themselves included.

Heather's early work experience in customer service opened a door into the world of philanthropy and continues to provide the foundation for her passion for working with members and donors. Her position with ACRES is the perfect marriage of her personal core values of preserving natural areas and her experience as a professional fundraiser.

"In every walk with nature, one receives far more than he seeks." – John Muir

[Register Here](#)

Important Technicality About Engineering and STEM in High School & College

The focus of many academic fields of study has changed and students are graduating (after great expense) into careers they do not want. Electrical Engineering, for instance, is now typically about very low voltage semiconductors, software, and/or electromagnetic fields/waves. A graduate in EE will be unprepared for conventional or green power unless these are studied as a minor or secondary program. In general, "power systems" and other classical EE are now called Industrial Electrical Engineering (IEE). The Industrial series of engineering fields have long been in particularly short supply and sustained demand. Within various specialties, Project Engineers are an often overlooked subspecialty that has enjoyed sustained demand and higher compensation. There are also potentially lucrative Trades such as Journeyman or Master in fields such as Electrician, Machinist, Welder, and more. Study of these Trades typically includes paid work and the option of a college degree. They have been in sustained demand virtually worldwide. In all cases, a 3.0 GPA or higher always matters and reflects comprehension of underlying detail and meaning. Repeat classes if needed to attain the GPA.

Advertise in the Engineers' News

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