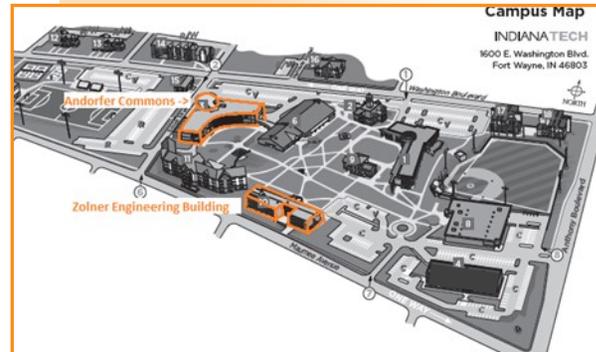


Indiana Tech Explorer Post 2829

Sponsored by the Indiana Tech College of Engineering, Explorer Post 2829 was founded in 1995. Post 2829 focuses on fostering an interest in engineering and robotics. Explorers are affiliated with Boy Scouts, but is open to both girls and boys in middle and high school. With fifty-one top awards at national robotics competitions, Post 2829 is the foremost leader in youth robotics in Northeast Indiana. The Post is advised by Physics professor Dr. Rex Joyner, and the student president is Brendan Higginbotham.

Explorer Post 2829 is the perfect club for youth interested in science and engineering, especially robotics.

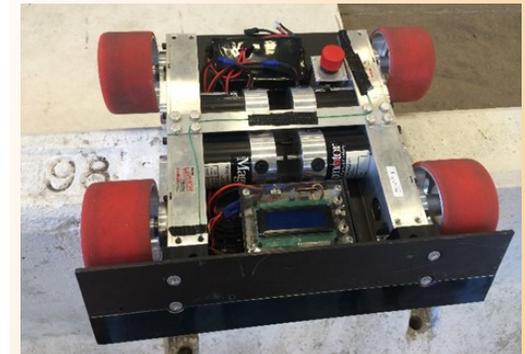
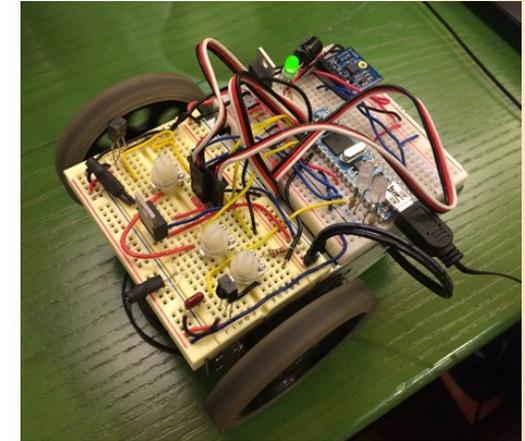
Location:



Indiana Tech Explorer Post 2829

To contact Dr. Rex Joyner:

rwjoyner@indianatech.edu or
rjoyner6@comcast.net
260-422-5561 x2289 (office) or
260-755-0451 (home)



Indiana Tech Explorer Post 2829

We Build Robots

www.IndianaTechExplorers.com

Explorer Post 2829 offers:

- Great education in STEM (Science, Technology, Engineering and Math) fields, specializing in robotics.
- Great resources and knowledgeable advisers.
- Fun activities including the annual trip to the National Robotics Challenge in Marion, Ohio.
- Biweekly meetings at Indiana Tech where members work on robots in teams, and are instructed in assembly and programming of their robots.



Introductory Meeting:

Our annual introductory meeting will be held in Room 202 of the Zollner Engineering Building (next to the wind turbine) on the Indiana Tech Campus on Wednesday, August 23 at 6:30 PM. See the back panel for details.

What we teach:

- **Soldering** – The first thing we teach new members is safe soldering. Members can use this to solder custom brains for their robots.
- **Programming** – A major focus of our curriculum is in the development of software, starting with a simple language called PBASIC.
- **Electronics** – New members will also learn how to build simple circuits using the Parallax Board Of Education, a simple kit, which they will use to create functional robots.
- **Robot Construction** – New members will build basic robots, using the BOE-Bot kit from Parallax. These robots can be entered in the National Robotics Challenge in April. As they advance, members will be helped to develop more complex projects. Different projects offer different challenges and encourage thinking outside the box.



Regular Meeting Place and Time:

Zollner Engineering Center, Room 212, on the Indiana Tech campus (see map on back panel), 6:30 PM to 8:30 every other Wednesday beginning September 6, 2017.

Cost to join: \$35 covers membership through Dec. 31, 2018

Photo Gallery:

