

About the Mecanum Knights

FOR INSPIRATION AND RECOGNITION OF SCIENCE AND TECHNOLOGY

FIRST Robotics Team 3667, the Mecanum Knights, is a self-supporting year-round, extra-curricular activity Port Huron Schools' Area Horizons After School Program. The Mecanum Knights meets from 6 to 9 p.m. Monday evenings in the Robotics Wing of the Harrison Center, 55 15th St. These meetings focus on everything from skill-building to marketing and fundraising to practice driving the previous season's robot – all of which prepare the team for its season.

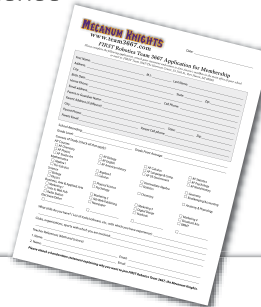
Mission Statement: **FIRST Team 3667, The Mecanum Knights**, is dedicated to inspiring today's students for tomorrow's challenges using STEM fundamentals and the principles of **FIRST** via a businesslike model in which hands-on experience and mentor-student partnerships drive success.



Top 10 Reasons you Want to be on Team 3667

- 1) More than \$19 million dollars in scholarships awarded annually for STEM majors
- 2) Real-world, hands-on experience in STEM
- 3) Making new friends and meeting all kinds of interesting people
- 4) Earning your varsity letter
- 5) Being cool for being smart
- 6) Discovering your passion
- 7) Food – lots of food
- 8) The thrill of competition
- 9) Team 3667 is one of Michigan's top-ranked 2014 teams
- 10) It's a life-changing experience

Applications are available on www.team3667.com or from Port Huron High's Horizons Program.



FIRST Team 3667 Contacts:

Team Coach:
Rob Borsuk
810-357-5632
coach@team3667.com

Lead Engineer:
Scott Austin
810-650-6905
coach@team3667.com
www.team3667.com
info@team3667.com

Business and Marketing:
Annie Austin
Horizons 21st CCLC
810-357-5632
aaustin@phasd.us

Faculty Advisor:
Gloria Henry
Port Huron Area
School District
ghenry@phasd.us

We would like to thank our 2013 - 2014 Sponsors:

James C. Acheson Foundation • Cargill Salt • Port Huron Hospital
P.J. Wallbank Springs, Inc. • JCPenney • The Richard Family
Barch Designs • JoAnn Wine & Associates, Inc.
Cedar Hill Graphics • Huron Automatic Screw Company
Trillium Automation, Inc. • Suburban Bolt
St. Clair County, Michigan, Labor Council, AFL-CIO
All Star Services, Inc. • Jets Pizza, 24th Street

Photography: Daniel Ernst

FIRST Robotics Team 3667



www.team3667.com

What is... *FIRST* Robotics?

FIRST® Robotics was founded by Dean Kamen, an American entrepreneur and inventor whose claims to fame include the AutoSyringe and the Segway.

The *FIRST*® Robotics Competition (FRC®) combines the excitement of sport with science and technology to create a unique varsity Sport for the Mind™. FRC® helps students ages 14 to 18 discover the rewarding and engaging world of innovation and engineering.

MECANUM KNIGHTS

www.team3667.com

3667 3667

David Lee ©2014



Join the Mecanum Knights

FIRST Team 3667 represents both of Port Huron's high schools, but interested middle-school students may apply to be junior team members.

The team, which will enter its fifth year during the 2014-15 school year, works in the Robotics Wing of the Harrison Center. During the six-week build season, mentors (that include engineers, programmers, graphic designers and other professionals) guide team members through the design and construction of a competition robot.

The *FIRST* build season runs from the first Saturday in January through mid-February. District competitions are in March with state and world championships for eligible teams in April.

Our team motto is "*Figure it Out*", which represents the unique opportunities afforded to *FIRST* participants. Students on Team 3667 become familiar with the real-world applications of science and math as they "figure out" how to build their robot to meet each year's challenge.

During each season, students may choose to work in the following areas:

- Computer-aided design
- Metal working and welding
- Machining
- Electronics
- Computer programming
- Web site design
- Public relations and fundraising
- Business planning

Inputs:

- Teams of 15-25 High-school-aged Young People
- Professional Engineers, Mentors
- Teachers, Parents, Community
- Corporate Sponsors
- New Game Challenge Each Year

Outputs:

- Real-world Engineering Experience
- Technological Literacy
- Inspired Minds
- Teamwork Skills
- Career Paths

