



# Team 847 PHRED

**Philomath High Robotics Engineering Division**

**Team Goal:**  
Promote *FIRST*  
and Gracious  
Professionalism

**Chairman's  
Award in 2004**

**Delphi  
Engineering Award**  
for Software Learn Mode  
in 2004

**Gracious  
Professionalism  
Award in 2008**

**7 years  
of robots**



**15 students  
including  
6 girls**

**9 mentors**

**3 Team Spirit  
Awards:**  
2005  
2006  
2007

**Autodesk  
Visualization Award**  
for our animation in 2008



**Unofficial goal:**  
Never, under any  
circumstances, even  
consider the idea of using  
string.

**Engineering goal:**  
Build a robot that  
accomplishes one function  
reliably and repeatedly.

**CAUTION: ROBOT ZONE**

## About PHRED

The Philomath High Robotics Engineering Division is a *FIRST* robotics team from Philomath, Oregon. We're one of over 1,500 teams throughout the world who take part in the *FIRST* Robotics Competition. Each year, *FIRST* (For Inspiration and Recognition of Science and Technology) announces a challenge and these teams of high school students spend six intense weeks designing and building a robot to accomplish the task. *FIRST* was founded in 1989, with the goal of encouraging young people to become scientists and engineers, and teaching them the importance of teamwork and gracious professionalism. If you would like to learn more about PHRED and *FIRST*, please visit our team website at [www.team847.com](http://www.team847.com) and the *FIRST* website at [www.usfirst.org](http://www.usfirst.org).

## Community Outreach

Here are just a few of the events that PHRED participates in to improve the community's understanding of what *FIRST* is about:

**Science Fair:** We show PHRED to the elementary and middle school students, and let them drive!

**CASA Family Fun Fair:** We showed kids some of the opportunities that robotics offers, and let them drive our robot.

**DaVinci Days:** This event is dedicated to science and art, and PHRED fits right in!

**FIRST LEGO League Tournament:** PHRED and several other local teams volunteer at the Corvallis FLL tournament.

**Summer Team Meetings:** Fun challenges and projects help new team members fit in, and help us practice the valuable decision-making skills we will need for the next build season.

**Teacher Show & Tell:** We invite the Philomath High School faculty to find out about our robot.

CAUTION: ROBOT ZONE

## Who We Are

**Dawn Marie**  
Sophomore  
Marketing  
2 years

**Ray**  
Senior  
Electrical  
4 years

**Karl**  
Freshman  
Mechanical  
1 year

**Emily**  
Sophomore  
Software  
2 years

**Renay**  
Senior  
Marketing  
4 years

**Josh**  
Senior  
Mechanical  
4 years



**Douglas**  
Freshman  
Pneumatics  
1 year

**Paul**  
Freshman  
Pneumatics  
1 year

**Kit**  
Sophomore  
Electrical  
1 year

**Scott**  
Sophomore  
Mechanical  
1 year

**Kayla**  
Senior  
Electrical  
3 years

**Currin**  
Freshman  
Mechanical  
1 year

**Adina**  
Sophomore  
Animation  
2 years

**Taj**  
Senior  
Software  
1 year

**Anna**  
Sophomore  
Mechanical  
1 year

## Thank you to our wonderful MENTORS!

Bill - Mechanical

Dave - Software

Doug - Everything

Marv - Mechanical

Rob - Animation

Sue - Marketing

Symone - Electrical

Terry - Electrical

Tom - Pneumatics

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# **Partnerships Under Construction**

**PHRED Would Like To Thank  
Our Sponsors:**

Creative Graphics

D & D Tree Farms

E.D. Hughes Excavation

Eleanor Otley

Gene Tools

Hewlett-Packard

HyTEK Plastics

IBEW Local 280

Jim Shroyer Construction

Premier Electric

WET Labs

Wild Garden Seed

Thank you so much to everyone who supports PHRED:

Our School, Our Sponsors, Our Mentors, and YOU!

By being here today you are helping make  
Gracious Professionalism a reality!

For more information visit our website: [www.team847.com](http://www.team847.com)

or email: [phs\\_first\\_robotics@ieee.org](mailto:phs_first_robotics@ieee.org)

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