


# Adams and Stoney Creek High School Robots Team 245 Organization Structure

## Engineering - *FIRST* 2013

	Engineering Structure Warren Hildebrandt									
	Project Management	Chassis Design and Build	Disc Shooter	Disc Acquisition	Climbing Arm	Programming	Controls and Electronics	CAD / Design	Field	Lambot Mentoring
<b>Mentors</b>	Mr. Greg Cesiel Mr. Rick Drummer	Mr. John Savage Mr. Warren Hildebrandt	Mr. Rick Mc Bride	Mrs. Janet McBride Mrs. Telva McGruder Mr. Andy Phillips	Mr. Gary Clark Mr. Mathew Anthony	Mr. Jim Micklas Mr. Mike Del Rose	Mr. Gary Sochanski	Mr. Steve Trachsel Mr. Werner Eckardt	Mr. Mike Merlo Mr. John Markel	Mr. Greg Cesiel Mrs. Maria Romero
<b>Student Leaders</b>	Lizzie Person	Jordan Phillips Anuja Dandekar	Tanay Patel Eric Celerin	Sydney Micklas Max Nakfoor	Andrew McBride Miles McGruder	Steven Ploog Ben Bray	Jason Merlo	Zach Zullivan	Maxwell Chappell Eric Hennessee	Darpan Sodhi
<b>Team Members</b>	Brian Savage Tyler Del Rose Jason Merlo Grace Nguyen	Zack Schafrick Austin Braun Kathryn Cesiel Jizhou Zhang Dale Fultz Leo Gomez Kenny Mead David Shelton	Corey DeGasperis Diego Toral Justin Ripka Phillip L-M Vishnu Rengaraj	Katie Buettel Maxwell Chappell Dylan Anthony	Myles Malanoski Margherita Bigossi Brendan Treanore McKinnon Hay Nick Start Erik Hicken	Jason Merlo Tyler Del Rose Curtis Fenner Nathan Fenner Jonathan Zarger Haden Wasserbaech Leo Gomez Simon Sun Vishnu Rengaraj Margherita Bigossi Justin Ripka Jizhou Zhang Robin Onsay	Steven Ploog Leo Gomez Jacob Wohlschlegel Robin Onsay Dylan Anthony Dan Alspach Rowan Barry Brendan Treanore Ryan Handley McKinnon Hay Haden Wasserbaech Tommy Bejin Zack Schafrick	Nick Eckardt Tommy Bejin Austin Braun Max Nakfoor Lizzie Person Nathan Fenner Curtis Fenner Jonathan Zarger Corey DeGasperis Jordan Phillips Eric Celerin Phillip L-M	Nick Start Rowan Barry Ethan Martin Brian Savage Jeremy Start	Grace Nguyen Christine Weng Michelle Abramczyk Diego Toral Cameron Johnson
<b>Duties</b>	Responsible for overall engineering team project management including tracking of build process timelines and deliverables.	Responsible for chassis design and build during the build season. Responsible for updates to designs following FIRST rules.	Responsible for design and build of structure used to shoot the discs during the autonomous and teleoperated periods. This includes the use of the camera.	Responsible for design and build of mechanisms needed to acquire discs from the field to load into the shooter.	Responsible for design and build of mechanisms needed to climb the pyramid .	Responsible for programming the robot and attachments. Responsible for interfaces with the drive station and mechanized input to the drive team (cameras, etc.).	Responsible for controls and interfaces used to drive the robot and used by the programming team. Responsible for effective wiring strategies, battery placement input, etc.	Responsible for visual and engineering tools used for design and build including Computer Aided Design and modeling tools.	Responsible for the design and build of practice mechanisms needed to test the design and build effectiveness to complete the game strategy.	Responsible for helping support the Lambot team through sharing of design or build ideas. This also includes any non-engineering support.
	Other Engineering Mentors: Paul Slaby, Peter Pirozzo, Bob Schuster, Larry Garstick									