

NC *FIRST* FRC Team Workshops  
 Saturday, December 13, 2014  
 Chapel Hill High School

	Room A	Room B	Room C	Room D
8:45AM -	<b>Check-In</b>			
9:00AM - 10:30AM	<b>Regional Event Orientation</b>	<b>How to Give a Presentation to Sponsors and Key Team Stakeholders</b>	<b>Multi-Directional Drive Bases</b>	<b>Web Coding</b>
	Open Roundtable Q&A with the Regional Director about the Regional Event.	Need money? Feel like you're kinda awkward on stage? Come learn how to give sponsor presentations in a confident, professional, and entertaining manner!	Presenting and discussing design and benefits of multi-directional drive bases: - Omni-Wheel Holonomic R&D Robot base with vision tracking and target following, - Team 1533 Aerial Assist Robot (Atlas) with Mecanum Drive base and Gyro Maneuver Control, - Four Wheel Drive & Steer Swerve R&D robot base with Gyro Maneuver Control <b>Following discussion Robots will be available for test drives.</b>	Discussion of web coding with HTML, CSS, and JavaScript including features and how to be a webmaster for your team.
	Presenter: Marie Hopper NC FIRST Executive Director	Presenters: Troy Luddy, Noah Johnson, Bailey Blankenship Team 900, The Zebracorns	Presenters: Duncan Page, Thomas Barnett, Thomas Lawe, Patrick Lawe, Sergey Myasnikov, Aubrey King, Andre Mandarino, Mason Mitchell Team 1533, Triple Strange	Presenter: Griffin College Team 5190, Green Hope Falcon Robotics
10:45AM - 12:15PM	<b>Bumper Construction</b>	<b>Marketing 101</b>	<b>RoboRIO</b>	<b>Strategy in FRC</b>
	Hands on construction to illustrate proper techniques and overview of past rules. Led by NC Lead Robot Inspector.	Learn the basics of marketing your team and NC FIRST to potential sponsors and your community!	Presentation about the new RoboRIO Control System and our work as a beta testing team for the new system. We will have the robot to show off the system and let others take a look.	A two part presentation focusing on using strategy effectively in FRC. The first part focuses on using strategy effectively in the design process. The second part is on the importance of strategy in competition and an overview of different scouting methods.
	Presenter: Lee Barger, LRI Team 587, The Hedgehogs	Presenter: Ron Maggiore NC FIRST Planning Committee	Presenters: Daniel Kenline, Noah Haskell Team 900, The Zebracorns	Presenter: Patricia Beekman Team 900, The Zebracorns
12:15PM - 1:00PM	<b>Lunch (on your own)</b>			

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	<b>5S - Visual Organization</b>	<b>How to Give a Presentation to Sponsors and Key Team Stakeholders</b>	<b>Multi-Directional Drive Bases</b>	<b>Web Coding</b>
1:00PM - 2:30PM	Learn to use an industry standard to help organize your build and pit space. This is a very visual system.	Need money? Feel like you're kinda awkward on stage? Come learn how to give sponsor presentations in a confident, professional, and entertaining manner!	Presenting and discussing design and benefits of multi-directional drive bases: - Omni-Wheel Holonomic R&D Robot base with vision tracking and target following, - Team 1533 Aerial Assist Robot (Atlas) with Mecanum Drive base and Gyro Maneuver Control, - Four Wheel Drive & Steer Swerve R&D robot base with Gyro Maneuver Control <b>Following discussion Robots will be available for test drives.</b>	Discussion of web coding with HTML, CSS, and JavaScript including features and how to be a webmaster for your team.
	Presenter: Angie Barger Team 587, The Hedgehogs	Presenters: Troy Luddy, Noah Johnson, Bailey Blankenship Team 900, The Zebracorns	Presenters: Duncan Page, Thomas Barnett, Thomas Lawe, Patrick Lawe, Sergey Myasnikov, Aubrey King, Andre Mandarino, Mason Mitchell Team 1533, Triple Strange	Presenter: Griffin College Team 5190, Green Hope Falcon Robotics
	<b>Bumper Construction</b>	<b>Marketing 101</b>	<b>RoboRIO</b>	<b>Strategy in FRC</b>
2:45PM - 3:15PM	Hands on construction to illustrate proper techniques and overview of past rules. Led by NC Lead Robot Inspector.	Learn the basics of marketing your team and NC FIRST to potential sponsors and your community!	Presentation about the new RoboRIO Control System and our work as a beta testing team for the new system. We will have the robot to show off the system and let others take a look.	A two part presentation focusing on using strategy effectively in FRC. The first part focuses on using strategy effectively in the design process. The second part is on the importance of strategy in competition and an overview of different scouting methods.
	Presenter: Lee Barger, LRI Team 587, The Hedgehogs	Presenter: Ron Maggiore NC FIRST Planning Committee	Presenters: Daniel Kenline, Noah Haskell Team 900, The Zebracorns	Presenter: Patricia Beekman Team 900, The Zebracorns
3:15PM	<b>Clean Up and Head Out</b>			