


	2013-1				2013-2				2013-3				2013-4				2013-5				2013-6				
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
<b>Colony</b>	<b>Colony</b>																								
Battery Level Indicator																									
Improve library error codes																									
Better sanity check for invalid BOM type																									
XBee/Wireless Initialization																									
get all the library inti's and functions (...)																									
Xbee Documentation																									
xbee baud rates																									
Wireless - core send, ack functions																									
Wireless - xbee.c																									
xbee id																									
investigate new AVR simulator?																									
Conclusion on filter design	Assigned 0%																								
Figure out rangefinders group	Assigned 0%																								
Complete SURG form	Assigned 0%																								
Check/Order robot battery clips	Assigned 50%																								
Line Follower Collimator																									
Redo robot pants																									
Get Colony videos onto VideoTron. Embed in (...)																									
Clean up repository branches																									
Add Line Following to Library																									
Profile different mapping surfaces																									
Make Hunter-Prey Ref More Verbose																									
Clean up Colony-New and prepare for next (...)																									
Implement Intersection Behavior																									
wl_basic_do_default(int *length) doesn't (...)																									
Schedule Fleet Maintenance Day																									
Discuss and Contact about Extra Colony III (...)																									

<b>Colony - Hardware</b> Design Dragonfly Replacement Board Investigate how to use the JTAG ICE	
<b>Colony - Library</b> Make sure all robots program the correct (...)	
<b>Colony - Reliability</b> Automatically update robot status page (...)	
<b>Colony Scout</b>	<b>Colony Scout</b>
Colony Environment	
Software Architecture	
Reflow Oven Temperature Regulation	
Update Boards on Eagle	
Research PCB Assembly Costing	
Website Work Log	
Video for Scout Intro	
Create ROS Node: Buttons	Assigned 100%
Create ROS Node: Timer	Assigned 100%
Create ROS Node: IMU	Assigned 0%
Create ROS Node: Accessory	Assigned 100%
Create ROS Node: Encoders	Assigned 100%
Create ROS Node: Wireless	Assigned 0%
Create ROS Node: USB Serial	Assigned 80%
Create ROS Node: Cliffsensors	Assigned 100%
Create ROS Node: BOM	Assigned 90%
Create ROS Node: Analog	Assigned 0%
BOM Interference Testing	Assigned 0%
BOM Driver Code	Assigned 0%
Sonar Wiring	Assigned 0%
Sonar Position Tracking	
Send Sonar Readings to ARM	
Automate Stepping and Sonar Reading	
Sonar on ARM	
Make ARM command Sonar on AVR	
Read IMU values and send to ARM	Assigned 0%

Pose Estimation	Assigned 0%
Motor & Encoder Wiring	
Control Motors (ARM)	Assigned 10%
Track Encoders	
Charging Base	
Print and Test Scoutfly	
Create Scout Chassis	
Make wiring kits for Scout	
IMU on ARM	Assigned 0%
ROSSERIAL on ARM	Assigned 0%
CliffSensor on ARM	Assigned 0%
Create Transmitting Protocol	Assigned 0%
Wireless on ARM	Assigned 10%
Cliff Detection	Assigned 0%
Buttons on ARM	Assigned 0%
USB Serial on ARM	Assigned 0%
Control Headlights	
Power Up Rest of Scoutfly	
Get Old Boards and Funding Info	
Test AVR on ARM	Assigned 0%
Get Sonar Stepping and Reading	Assigned 0%
"Automated" Turning	Assigned 0%
Add Fuel Guage and Protection circuit (...)	
BOM returns values even when IR LED (...)	
File Error Service call	
Colony Scout - 1.0	
BOM Send/Receive Functions	
Assembly Instructions	
Fix Encoder pinout on breakfly	
Colony Scout - 1.2	
NanoRK Wireless Library	
Look @ Robostix AVR<->ARM Comms (...)	
Electronics Purchasing, OCT-08	Assigned 0%
Colony Scout - Development	

<p><b>System Wiring</b>          Look into accelerometer speed          Email Red W          Create roboclub demo          Audio Command &amp; Output Accessory          Design SmartFly Smart Accessory (...)          Mechanical Work Log          Check speaker magnet interference (...)</p>	<p><b>Assigned 0%</b>  <b>Assigned 50%</b></p>
<p><b>HyLo</b>          type proposed proposal          Meeting</p>	<p><b>HyLo</b>  <b>Assigned 0%</b></p>
<p><b>Mechanical Logic Gates</b>          Update - website          You Tube + Display Case          Website - host on roboclub          Look into getting copywrite</p>	<p><b>Mechanical Logic Gates</b></p>  <p><b>Assigned 0%</b>  <b>Assigned 0%</b>  <b>Assigned 0%</b>  <b>Assigned 0%</b></p>
<p><b>Wishlist</b>          Sell T-shirts on website          Arbor Press          Horizontal Band Saw          Compressed Air System</p>	
<p><b>Quadrotor</b>          Make Wishlist of Parts          Fix the Quadrotor          Point Cloud Display          Design aluminum frame for Quad1          Make private repository          Email Harrison to Order Parts          USB to micro USB cable</p>	<p><b>Quadrotor</b></p> <p><b>Assigned 0%</b></p>
<p><b>RoboBuggy</b>          Write a SURG Grant</p>	<p><b>RoboBuggy</b>  <b>Assigned 40%</b></p>
<p><b>RobOrchestra</b>          Model Solenoids for brassbot in Solidworks          Get Pianobot modelled with the piano</p>	<p><b>Assigned 0%</b>  <b>Assigned 0%</b></p>

RobOr

<p>Parts List (pianobot) (someone work on this? (...))</p> <p>Algorithm for Pianobot?</p> <p>Tooltron</p> <p>Write tutorial about network programming</p> <p>Tooltron - 1.0</p> <ul style="list-style-type: none"> <li>script for network programming</li> <li>notifications of tool boot packets in (...)</li> <li>Put up a warning sign for Tooltron swiping (...)</li> <li>Document the Network Bootloader</li> <li>Document the States of the toolbox/cardbox</li> <li>Server dies when internet is out</li> <li>update server docs</li> </ul> <p>Tooltron - 1.1</p> <ul style="list-style-type: none"> <li>timeouts not working correctly</li> <li>remove server hacks</li> <li>organize repo</li> <li>Document new Error codes on Cardbox</li> <li>order more boards and replace drill-press (...)</li> </ul> <p>Tooltron - 2.0</p> <ul style="list-style-type: none"> <li>Keypad row 3 (7,8,9,C) does not work</li> <li>MySQL Stored Procedures</li> <li>Tooltron status indicator</li> </ul> <p>Underwater Swarm Bots</p> <ul style="list-style-type: none"> <li>FTDI cable</li> </ul> <p>WCTU</p> <ul style="list-style-type: none"> <li>WCTU - WCTU Version 1.0</li> <li>Create v1.0 JS Client Revision 1</li> </ul>	<p>Underwater Swarm Bots</p> <p>Assigned 0%</p> <p>WCTU</p> <p>WCTU -WCTU Version 1.0 50%</p> <p>Assigned 0%</p>
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