

	2012-2				2012-3					2012-4					2012-5					2012-6					2012-7					
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
Colony	<div style="display: flex; align-items: center;"> <div style="width: 100%; height: 10px; background: linear-gradient(to right, #ccc 49%, #000080 49% 51%, #ccc 51%);"></div> Colony </div>																													
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 (...)																														

Colony - Hardware

Design Dragonfly Replacement Board

Investigate how to use the JTAG ICE

Colony - Library

Make sure all robots program the correct (...)

Colony - Reliability

Automatically update robot status page (...)

Colony Scout

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

Create ROS Node: Timer

Create ROS Node: IMU

Create ROS Node: Accessory

Create ROS Node: Encoders

Create ROS Node: Wireless

Create ROS Node: USB Serial

Create ROS Node: Cliffsensors

Create ROS Node: BOM

Create ROS Node: Analog

BOM Interference Testing

BOM Driver Code

Sonar Wiring

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

■ **Colony Scout**

Assigned 100%

Assigned 100%

Assigned 0%

Assigned 100%

Assigned 100%

Assigned 0%

Assigned 80%

Assigned 100%

Assigned 90%

Assigned 0%

Assigned 0%

Assigned 0%

Assigned 0%

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>System Wiring</p> <ul style="list-style-type: none"> Look into accelerometer speed Email Red W Create roboclub demo Audio Command & Output Accessory Design SmartFly Smart Accessory (...) Mechanical Work Log Check speaker magnet interference (...) 	<p>Assigned 0%</p> <p>Assigned 50%</p>
<p>HyLo</p> <ul style="list-style-type: none"> type proposed proposal Meeting 	<p>HyLo</p> <p>Assigned 0%</p>
<p>Mechanical Logic Gates</p> <ul style="list-style-type: none"> Update - website You Tube + Display Case Website - host on roboclub Look into getting copywrite 	<p>Mechanical Logic Gates</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p>
<p>Wishlist</p> <ul style="list-style-type: none"> Sell T-shirts on website Arbor Press Horizontal Band Saw Compressed Air System 	
<p>Quadrotor</p> <ul style="list-style-type: none"> 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>Quadrotor</p> <p>Assigned 0%</p>
<p>RoboBuggy</p> <ul style="list-style-type: none"> Write a SURG Grant 	<p>RoboBuggy</p> <p>Assigned 40%</p>
<p>RobOrchestra</p> <ul style="list-style-type: none"> Model Solenoids for brassbot in Solidworks Get Pianobot modelled with the piano 	<p>Assigned 0%</p> <p>Assigned 0%</p>

RobOr

Parts List (pianobot) (someone work on this? (...)

Algorithm for Pianobot?

Tooltron

Write tutorial about network programming

Tooltron - 1.0

script for network programming

notifications of tool boot packets in (...)

Put up a warning sign for Tooltron swiping (...)

Document the Network Bootloader

Document the States of the toolbox/cardbox

Server dies when internet is out

update server docs

Tooltron - 1.1

timeouts not working correctly

remove server hacks

organize repo

Document new Error codes on Cardbox

order more boards and replace drill-press (...)

Tooltron - 2.0

Keypad row 3 (7,8,9,C) does not work

MySQL Stored Procedures

Tooltron status indicator

Underwater Swarm Bots

FTDI cable

WCTU

WCTU - WCTU Version 1.0

Create v1.0 JS Client Revision 1

WCTU

WCTU -WCTU Version 1.0 50%

Assigned 0%

Underwater Swarm Bots

Assigned 0%