**ECE 445 Weekly Progress Sheet**

**Name:**Eric Meyers and Noah Prince **Partner Names** ----

**Group Number:** 11 **Date:** April 2nd, 2016

**Instructions**: This form is to be filled out on a weekly basis for TA meetings so that your TA can get progress updates and track project development for everyone in your team. This is an individual submission so everyone on your team is personally responsible for filling out the form and emailing it to your TA. You will use these forms at the end of the semester to create an update of your weekly deliverables schedule to compare to your original project execution plan.

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| **Team Accomplishments**  Laser mount fabricated and adjustable focus lens installed  PCBs ordered (last Wednesday) and arrived  MSP430F2274 mounted to PCB  Linx KH3 Receiver mounted to PCB | |
| **Team Delays**  MSP430F2274 proving very difficult to program using FET programmer  Linx KH3 Receiver/Transmitter pair difficult to establish communication | |
| **Objectives from Last Week**  PCB due on Wednesday (Initial Revision)  - Interrogator PCB+Breakout Adapter (RF & MSP) (ERIC)  - Friendly PCB + Breakout Adapter (RF & MSP) (NOAH)  - Pick out correct ECE Sevice Shop owned Resistors, Capacitors, Inductors, Transistors, etc.  Write software for both Interrogator MSP (ERIC) and Target MSP (NOAH)  -Use emulators to ensure logic correct  Once laser equipment received, work on creating an adjustable focus mount (NOAH) | |
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|  | Student Weekly Objectives:   1. Establish communication between Linx KH3 Receiver and Transmitter (NOAH) 2. Order alternative for MSP430 MCU OR get MSP430F2274 flashed using FET Programmer (ERIC)   -If 1st option taken: Rewrite software to be compatible with new option (ERIC)   1. Solder vias on Friendly Interrogator PCB (ERIC) 2. Solder vias on Friendly Target PCB (NOAH) 3. Test Voltage Regulator on Friendly Interrogator PCB (ERIC) 4. Test Voltage Regulator on Friendly Target PCB (NOAH) 5. Test Laser Transmitter Circuit on Friendly Interrogator PCB using signal generator (ERIC) 6. Test Laser Photoreceiver with MSP MCU (NOAH) |
| TA Comments/Revisions: |
| **Remaining Tasks**:  Revise PCB from Initial to Final  Perform verification of PCBs  Test photoreceivers with MSP MCU  Test laser signal generation with MSP MCU  Much more | |