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## Assignment Set 03 (Tasks & Due Dates)

### Chris

- Create the Battery Charge/Discharge Log form (see JCL for input) [Thurs 2/20/03]
- Complete assembly of the pulse width converter kit (mount heat sink) [Thurs 2/20/03]
- Draft the RV Power System & Bus based on in-class discussions. [Thurs 2/20/03]
- Investigate Stanford's BASIC Stamp system for GPS telemetry from CanSat using the Alinco DJ-C4. Seek assistance from Art and instructor as necessary.

### Jill

- Install laptop security lock [Thurs, 2/20/03]
- Install WLAN on laptop [Thurs 2/27/03]
- Start producing an RV control program algorithm based on in-class discussions. Present draft [Tues, 2/25/03].

### Guillermo

- Complete construction of RDF attenuator [Tues, 2/18/03]
- Test RDF attenuator [Tues 2/25/03]
- Get the VC-H1s serviced (repaired) [Thurs 2/20/03]
- Find source (local hopefully) for raw materials (aluminum sheet, etc.) for chassis modifications to RC vehicle [Thurs 2/27/03]

### Art

- Assemble SBC & load OS (etc.) [Thurs, 2/20/03]
- Install USB WLAN onto SBC [Thurs 2/27/03]
- Construct waveguide antenna(s) [Tues 3/11/03]

### Instructor

- Order electronics case (SBC).
- Order from Tower Hobbies (servos, batteries, RC car kit, etc.)
- Try to find an Off-the-shelf temperature signal-conditioning module.
- Plan for Simulation Test #1 sometime in late March.
- Follow-up with Prof. Twiggs about CanSat BASIC Stamp.