Midterm Design Review Preparation Checklist:

1. **Block Diagram Completion:**
   a. All major electrical components included in block diagram?
   b. Block diagram includes bus widths for all multi-wire electrical connections?
   c. Block diagram includes interface types for all non-GPIO electrical connections?
   d. Block diagram neat, clean, and easy-to-read?
2. **Schematic Completion:**
   a. All electrical components included on schematic?
   b. All components connected? (Run Electrical Rule Check to check for unconnected components)
   c. Schematic organized by subsystem and easy-to-read?
3. **PCB Layout Completion:**
   a. Footprints match components?
   b. PCB layout complete?
   c. Routing complete?
   d. Routing appropriate for design? (Hint: throwing a design into Eagle and mashing the autoroute button may not yield acceptable results for your prototype).
   e. Consult the PCB Verification Checklist for additional PCB suggestions
4. **Slides Preparation:**
   a. Slides completed?
5. **Website Preparation:**
   a. Datasheets for all major components available in appropriate section of student project website?
   b. All current and updated assignments posted to student project website?
   c. Electrical schematic available on student project website?
   d. PCB Layout available on student project website?
   e. Midterm Design Review slides available on student project website?
6. **Presentation Preparation:**
   a. Presentation practiced at least once prior to midterm design review?
   b. Business semi-formal dress or better? (No jeans, collared shirts, dress shoes?)