Proposal Evaluation Sheet

I. Introduction

1. Title and Objectives: ______ / 4
   - Title
   - Why did you select this project?
   - What goals are your project trying to accomplish?
   - What technical functionality are you planning on achieving?
   - What are the unique features of your project?
   - What benefits does your project provide?

II. Design

2. Block Diagram: ______ / 3
   - Full drawn out block diagram
   - Modularity – Each block should be able to operate on its own with given inputs and expected outputs

3. Block Descriptions: ______ / 3
   - Clear interfacing between blocks (including explanation and a legend for separate lines)
   - Function of each block is clearly explained
   - Clarity on how each block contributes to the overall design

4. Technical Overview: ______ / 2
   - Shows understanding of actual design and technical functionality of the project
   - Alternatives are well shown, explained, and project is justified on uniqueness/advantage
III. Block Level Requirements and Verification

5. Requirements: _____ / 2
   - All functionality of each block is completely covered
   - Reasonable tolerances shown for appropriate requirements
   - Requirements are realistic
   - Consistency in interconnectedness of components with block diagram

6. Verification: _____ / 2
   - Are the testing plans sound (are they reasonable tests to prove functionality)?
   - Are the testing plans thorough (do they cover every step to run the test)?
   - Every verification test plan is detailed and unambiguous

7. Tolerance Analysis: _____ / 2
   - Choose the most important requirement/block and say why it matters
   - Determine allowed tolerance and show justification for it
   - Explain the specific test to show tolerance is achieved and how it will be run

IV. Cost and Schedule

8. Cost Analysis: _____ / 1
   - Labor
   - Parts List

9. Schedule: _____ / 1
   - Workload is evenly distributed among all students
   - Each student’s weekly deadline is realistic and appropriate

Total _____ / 20