

## Final Lab Design Project: Grading Rubric

(points)

- 1 Title & team member names
- 2 Abstract
- 2 Objective & Introduction
- 2 Conclusion, final statement (as in memos), future work, etc.
  
- 2 Style, tone and format
  - Professional
  - Clear
  - Concise
  - Complete

(9 points subtotal)

- 2 Design Criteria – specific to given design
- 1 Circuit diagram and explanation, definition (element values, etc.)
  
- 4 Results
  - Compare theoretical to experimental results
    - Clear discussion
    - Correct – factual and theoretical
  - Bode plot – labeled and referred to in text
  
- 4 Qualitative description of filter behavior at different frequencies
  - Overall discussion is complete, not leaving reader with any questions
  - Discussion is correct, no factual or theoretical errors
  - Depth of knowledge clearly demonstrated

(20 points total)

### Note on Presentations

- Great job! Full credit for everyone
- Good background research on applications for your filters
- Interesting comments on some preferring to design on paper more fully first and then build, while others prefer to build-trial-and-error and then analyze
  - Both approaches are equally good
  
- General comments for presenting – some need a little more work on this
  - Introduce yourself and partner(s)
  - Look at your audience most of the time
  - Have a clear conclusion and end to your talk, rather than just stopping