Assignment: One-page Senior Project Proposal

Instructions

Write a one-page proposal for your senior project. For content, use the outline shown below, abbreviated as necessary to fit on one page. For submitted document, use the "One-Page Proposal Template" on the ECE 3950 website.

One-Page Proposal Outline (Adapted from Proposal Outline by John S. Harris, BYU)

Abstract
A. Succinct statement of what will be built (first sentence)
B. Key Specifications of final system

I. Statement of Problem
A. Definition of problem
B. Limits of problem (time, organization, etc.)
C. Significance of problem
D. History of problem
E. Relationship to larger problems

II. Past Attempts at Solution
A. History of work
B. Accomplishments of past work
C. Shortcomings of past work

III. Proposed Solution
A. Rationale of proposed solution
B. Method and procedure of proposed solution
   1. Hardware diagrams
   2. Software diagrams
C. Expected results (performance specs of final system)
D. Means of verifying results (e.g., test/checkout procedure)
E. Contingency plans

IV. Substantiation
A. Facilities
   1. Where project will be housed
   2. Who will administer project
B. Hardware
   1. Needed
   2. on hand
C. Software
   1. Needed
   2. on hand
D. Personnel
E. Costs
   1. Time line (summarize time line in words)
   2. Budget (summarize budget in words)
Grading Criteria

- Completeness
- Viability
- Persuasiveness
- Style and grammar
- Clarity