

Sophomore Clinic I – Fall 2008
Grading Criteria for Assignment 2: White Paper on an Engineering Problem
Reader 2

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| Analysis of the Engineering Problem (Introduction and Definition of the Problem) | 50 | |
| <ul style="list-style-type: none"> ▪ Provides background and context to introduce the general problem | | |
| <ul style="list-style-type: none"> ▪ Focuses the problem so that it is appropriate to the scope of the white paper | | |
| <ul style="list-style-type: none"> ▪ Defines the specific technological aspects of the problem | | |
| <ul style="list-style-type: none"> ▪ Makes a compelling case for the need to solve the problem | | |
| <ul style="list-style-type: none"> ▪ Provides an appropriate level of technical detail for an engineering audience* | | |
| Presentation of the Solution (Discussion of the Potential Solution and Conclusions) | 50 | |
| <ul style="list-style-type: none"> ▪ Identifies the status of the solution (innovative; in development; adaptation of existing solution; new application of existing solution; scaled implementation of existing solution; etc.) | | |
| <ul style="list-style-type: none"> ▪ Offers a technological solution as appropriate to the status of the problem (outlines a specific approach to a new solution; proposes a solution to a specific component of the problem; suggests a specific way to achieve a solution that is in development; explains how an existing solution will be adapted, applied, or scaled; etc.) | | |
| <ul style="list-style-type: none"> ▪ Summarizes the progress that has been made toward the solution in the white paper | | |
| <ul style="list-style-type: none"> ▪ Provides recommendations for next steps that will move the idea forward | | |
| <ul style="list-style-type: none"> ▪ Provides an appropriate level of technical detail for an engineering audience* | | |
| General Comments | | |
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| Total (33% of grade) | 100 | |

*including use of information from sources where appropriate