# Engineering Design Final Project Requirements Document Grading Rubric (20 Points)

## Document written third-person throughout

* 0 Points Never uses third person
* 1 Point Sometimes uses third person
* 2 Points Document completely done third person

**Overall – Grammar, Spelling, Formatting, Etc.**

* 0 Points More than 5 Grammar, Spelling, Punctuation, etc. errors
* 1 Points 2-4 Grammar, Spelling, Punctuation, Format, etc. errors
* 2 Points No Grammar, Spelling, Punctuation, Format errors

**1.0 Introduction**

* 0 Points Section incomplete
* 1 Points Section has some detail
* 2 Points Section complete

**2.0 Design Features**

* 0 Points Section incomplete
* 1 Points Section has some detail
* 2 Points Section complete

**3.0 Design Process**

* 0 Points Section incomplete
* 1 Points Section has some detail
* 2 Points Section complete

**4.0 Description of Parts**

* 0 Points Section incomplete
* 1 Points Section has some detail
* 2 Points Section complete
* 3 Points Part Numbers (PN) consistent and detailed

**5.0 Assembly**

* 0 Points Section incomplete
* 1 Points Section has some detail
* 2 Points Section complete
* 3 Points Section references PN from section 4

**6.0 Operation of Equipment**

* 0 Points Section incomplete
* 1 Points Section has some detail
* 2 Points Section complete

**7.0 Cost Accounting**

* 0 Points Section incomplete
* 1 Points Section has some detail
* 2 Points Section complete

**Appendix Grading Rubric (20 Points)**

**Each Test (4 points each – 12 total)**

* 0 Points Test missing (or is the same as a previous test)
* 2 Points Test incomplete
* 4 Points Test complete and has unique problem, hypothesis, data, etc.

**Appendix B Cost Accounting (4 points)**

* 0 Points Missing part costs for most parts
* 2 Points Costs for all parts present
* 4 Points Costs for all parts, description, total cost all present and correct

**Appendix B Time Accounting and Appendix C (4 points)**

* 0 Points Time log, rate rationale, and Appendix C missing
* 2 Points Time log, cost of time, rationale, and Appendix C incomplete
* 4 Points Time log, cost of time, rationale, and Appendix C complete

**Drawing Grading Rubric (20 Points)**

**Title Blocks**

* 0 Points Title Blocks missing or not filled out
* 3 Points Title Blocks on some drawings
* 5 Points Title Blocks complete and accurate (including sheet numbers)

**Drawings Complete**

* 0 Points Parts cannot be made from drawings
* 3 Points Parts drawn but not full size
* 5 Points Parts drawn and dimensioned correctly

**Dimensions and Notes**

* 0 Points No dimensions
* 3 Points Dimensions incomplete
* 5 Points Dimensions complete and accurate, including notes

**Necessary Drawings Done**

* 0 Points Incomplete drawings or not all parts drawn
* 3 Points Drawings for most parts complete
* 5 Points Drawings for each part in parts list drawn accurately