**EC463 / EC464: Individual Engineering Design Record Grading Rubric**

Reviewed: \_\_\_/\_\_\_/2020 GRADER:

This rubric covers the blackboard journal entries as well as your GitHub team repository.

Team ***#***

***Student Name:***

Number of Journal Entries (since logbook last reviewed):

|  |  |  |
| --- | --- | --- |
| **Item** | **Points** | **Comments** |
| 1. Evidence of systematic design process | / 2 |  |
| 1. Formatting of engineering records (schematics, calculations, graphs, code) | / 2 |  |
| 1. Clarity and correctness of entries | / 2 |  |
| 1. Documents specific individual engineering design work and maintains appropriate productivity | / 6 |  |
| 1. Extra Credit | / 1 |  |
| **TOTAL** | /12 | A good design record typically scores 10-12 points |

Comments:

The individual engineering journal entries and the EC463/464 GitHub repo are key elements of the semester grade and the protection of IP developed by each student.

Git repos will be examined for factors including:

* quality of commits (comments, not too infrequent or huge individual commits)
* quality of code, including documentation, unit tests and continuous integration

The journals and Git repos are each evaluated for factors including:

* Traceability of engineering work -- documents design decisions via equations, schematics, simulations, references and the like
* Demonstration of individual design responsibility and execution--what are YOU doing at the level of junior engineering staff

**Note**: Group meeting notes and other material duplicated between team entries do not count as individual design work for the purpose of this grading rubric.