Logbook Expectations

Learning Outcomes
- Inventory best practices in logbook usage that can elevate design project work.
- Willingness to regularly assess logbook usage to improve its added value.

Resources
Engineering Logbook Guidelines
Logbook Quality Measure

Facilitation Plan

Preparation: Read Engineering Logbook Guidelines and answer the following questions before class in your logbook. (TM 30)

1. What is meant by each of the following types of entries and how each of these add value to an engineering design project? What previous experience do you have with each? (a) daily activity logging, (b) design analysis, and (c) project review/assessment.
2. Identify two personal documentation ideas/prompts that you want to use to stimulate capstone logbook entries over the course of the next year. Describe how you intend to implement these.

Class Session:
- Share student story about course and logbook usage. (Brice - 5 min)
- Form impromptu groups of 3-4, skim excerpts from previous logbooks, create a list of good engineering practices associated with keeping capstone logbooks. (10 min)
- Share reports with other teams, creating a classwide list. (Joe records - 10 min)
- As a group, review the logbook quality measure and apply this to an arbitrary 15 page section of the logbook you are given. Be prepared to ask your most burning questions about logbook assessment in capstone design. (15 min)

Follow-up:
Integrate tips into Engineering Logbook Guidelines and post on web.
GOOD ENGINEERING PRACTICES RELATED TO LOGBOOKS
LOGBOOK ASSESSMENT QUESTIONS