1. See appended document titled BSBME policies.
2. Knowledge of mathematics follows with ABET outcome A. In the Senior Design Faculty Evaluation forms, team scores are summarized according to ABET outcomes A-G, values for outcome A only for each team for the total academic year are used. At the bottom of the form for team evaluation, there are the A-G outcomes with the unweighted and weighted averages. The weighted average for outcome A is compile for all the teams and reported.
3. The Lab Rubric, from Lab Rubric BME.pdf, goes as follows:

3.6~4.0 Expert

3.2~3.6 Proficient

2.8~3.2 Apprentice

2.4~2.8 Novice

<2.4 Non-responsive

The BME SACS team receives averaged holistic scores for each ABET outcome from the lab director based on assessment of all the student lab reports. The excel file used to calculate the data is attached. (see Updated GradeSheet BME4050L) This is the actual rubric used to the Lab Rubric above is how giving the scores relates to how the students are scored. This is reported here for ABET outcomes A-G for all students.

1. The overall results from ABET outcome A-G based on the lab rubric are given to the BME SACS team by the lab director each year for the Fall and Spring semesters.
2. The Critical Thinking outcome follows with ABET Outcome B of the weighted average for all teams which is listed at the bottom of the Senior Design Faculty Evaluation rubric.
3. The excel spreadsheet for question 3 gives outcomes A-G using the lab rubric. Outcome B is used for Critical Thinking.
4. Students are scored for each ABET outcome based on the lab rubric.
5. For the Lab reports, Spelling and Grammar, organization, objectives, background, methods, results and discussion are evaluated. For Senior Design, the faculty evaluates the written reports (Design History File and Device Master Record) for style, organization, structure, language, spelling, grammar, use of visuals and graphs as well as content.
6. The lab director gives the BME SACS team the outcomes for each ABET outcome A-G for the combined Fall and Spring Lab courses and reports the overall scores for each ABET outcome. Outcome C is used for written communication.
7. The Senior Design rubric has questions about the written reports (Design History File and Device Master Record) for the entire team. The weighted average for Outcome C at the bottom of the rubric is reported.
8. For the oral presentation scores, it turns out a Qualtrix survey was used which listed various questions about the student presentations to the external faculty evaluating the students.