1) Has your program developed learning outcomes? If yes, please list.

The Department of Mechanical Engineering adheres to the student learning outcomes of the Graduate Division: “In general, a student who has successfully completed the graduate degree requirements should be able to 1. Demonstrate mastery of the methodology and techniques specific to the field of study. 2. Communicate both orally and in writing at a high level of proficiency in the field of study. 3. Conduct research or produce some other form of creative work. 4. Perform in their field of study at a professional level.”

2) If your program has learning outcomes, where are they published (e.g., department web page)?

These student learning outcomes will be provided on the department web site at http://www.eng.hawaii.edu/ME/ in the Fall 2008 semester.

3) Do your faculty list course learning outcomes on their syllabi?

No.

4) Does your program have a curriculum map that links course outcomes to program outcomes? If so, please include.

No.

5) Does your program benchmark or have goals for student performance? (e.g. 70% students will graduate within 5 years)

We are in the process of developing such benchmarks.

6) Other than GPA, what data/evidence is used to determine that graduates have achieved stated outcomes for the degree? (i.e. capstone project, class assignment)

1. Mastery of Subject Assessments: 1) Course performance; 2) Conduct of research in field; 3) Qualifying and comprehensive exams

2. Oral and Written Communication Assessments: 1) Oral Defense of Theses and Dissertations; 2) Writing of Theses and Dissertations; and 3) Giving seminars and writing reports

3. Creative Work Assessments: 1) Theses and Dissertations; 2) Project Reports and Publications
4. Professional Performance in Field: 1) Theses and Dissertations must be written and orally presented and defended at a professional level, 2) Students give seminars and interact with presenters in seminars given by professionals in the field.

7) Who interprets the evidence of student learning?

1) Course instructors

2) Thesis and dissertation committee members

3) External reviewers of student publications

8) How are the assessment data/results used to inform decisions concerning the curriculum and administration of the program?

Exit interviews of our graduates and interactions with their committee members by the graduate chair provide feedback on the efficacy of our graduate curriculum.

9) What attempts are made to monitor students’ postgraduate professional activities?

The Graduate Chair will conduct exit interviews with graduates to ascertain their satisfaction with the graduate program in Mechanical Engineering and their immediate professional plans. Students will be encouraged to keep in touch with the Department.