

Outcomes Assessment: Transport Project

The transport modeling project is a required component of CHBE 424, a course taken by all CHBE seniors. We are including the project in the student portfolio to provide assessment data relevant to program outcomes **a** and **e**.

- a. ...ability to apply knowledge of mathematics, science and engineering.
- e. ...ability to identify, formulate and solve engineering problems.

This instructor and the advisory committee are being asked to independently assess these projects. This allows us to document the extent to which we are meeting these objectives, and allow the instructor to compare his assessment with an external reference.

Process

There are 9 projects, randomly pulled from a class of about 30. You are each asked to review 2.

After reviewing your first project, swap with another reviewer; this will allow us to compare the results of different reviewers on the same project. It is not essential that all of the projects are reviewed.

After reviewing two projects there will be a time for discussion; then the committee will be asked:

1. To what extent are we meeting outcomes **a** and **e**, based on the evidence in the projects?
2. How useful are the projects in assessing outcomes **a** and **e**?
3. How useful are the assessment rubrics in performing the assessment?