

**How To Use Course-Based Data For Academic Program Review**  
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**Worksheet**

**Exercise A:** In the space below, answer the following questions:

List any assessment methods you know about:

What kinds of data do you already have for your program, that would be useful for assessment purposes?

**Exercise B:** What methods we have discussed so far, are course-based methods?

## **Exercise C:**

Here is an Example of 1 Program Objective and 4 Program Learning Outcomes (Material Science and Engineering)

*Objective 2. To produce graduates who are knowledgeable about a variety of engineering materials (including metals, semiconductors, ceramics, polymers, and composites), and the relationships among processing, structure, properties, and performance.*

Outcome A. By graduation, students will be able to identify the structure-processing-property-performance relationships for metallic materials.

Outcome B. By graduation, students will be able to identify the structure-processing-property-performance relationships for ceramic materials.

Outcome C. By graduation, students will be able to identify the structure-processing-property-performance relationships for polymeric materials.

Outcome D. By graduation, students will be able to identify the structure-processing-property-performance relationships for electronic materials.

**Exercise C:** Given that these are your program outcomes, what are the first things that need to be considered to conduct course-based assessment?