Student Learning Outcome:
Students will learn to complete all aspects of the shaft alignment within two hours to industry specifications for an 1800 rpm application.

Program Goal:
Students enrolled (85% of) in IMT 111 and IMT 112 should complete all aspects of the shaft alignment within two hours to industry specifications for an 1800 rpm application.

Assessment Process:
Students will be evaluated by the instructor during a hands-on assessment. Pre-identified criteria will be given to the students in advance of the evaluation.

Who is the lead Instructor?
Jeff Bradford

Why was this process selected?
Of the many skills required of an industrial maintenance technician, the ability to perform a proper shaft alignment is both fundamental and critical in their job performance. It is a basic, but highly technical skill they must possess on the job.

How will student learning be measured?
Students will be given the necessary steps along with the alignment tolerances before the hands-on assessment. They will be required to follow the command procedures and annotate their final results on the given form. The evaluator will monitor the student’s progress and then will verify all results submitted by the student by mounting the dial indicators on the trainer and verifying the data.

What approach will be used?
A hands-on activity will be used with no assistance from the evaluator during the assessment.

When will data collection be collected?
Data will be collected in both the Fall 2008 and Spring 2009 semesters.

Who will analyze the results?
Jeff Bradford, IMT Program Coordinator, will be the primary person to analyze the results. The results will be discussed by the IMT Advisory Board as well.