ABSTRACT

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Title: *PSM eBook Material – Class Outcome Metrics*

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Abstract:

Due to ABET requirements, many universities are including more safety information in their curricula. This paper will outline the outcome metrics and comments from a 3 credit Process Safety Management Course developed for ChE and ME students at a large, Midwestern University. Over a two year period, there were a number of questions asked and data collected about the course, so as to ensure appropriate perception around value. Results from the student surveys and comments from other key constituents will also be discussed: teaching assistants, guest lecturers, advisory board members and employer comments. Students and employers were so adamant about the value of this course, that the faculty moved from concept to required course in 18 months, and the Engineering Faculty is now evaluating a safety review course for all cooperative education students that must be completed before the first co-op work period. The paper will also outline the safety material recommended for inclusion in the pre-cooperative education review.