

## ABSTRAK

**SINAGA MARTINUS, NIM 509121031. Penerapan Model Pembelajaran Berbasis Masalah Untuk Meningkatkan Aktivitas dan Hasil Belajar Siswa Pada Mata Pelajaran Gambar Teknik Di Kelas X SMK Swasta Teladan Medan T.A. 2013/2014.**

*Penelitian ini bertujuan untuk meningkatkan hasil belajar siswa dalam mata pelajaran gambar teknik melalui model pembelajaran berbasis masalah. Penelitian ini adalah penelitian tindakan kelas. Subjek penelitian ini adalah siswa kelas X Program Keahlian Teknik Mesin Produksi SMK Swasta Teladan Medan, yang terdiri dari 39 siswa. Penelitian ini dilakukan dengan 2 siklus dan setiap siklus dilakukan dengan satu pertemuan. Teknik pengumpulan data dilakukan dengan tes hasil belajar dan lembar observasi aktivitas siswa. Berdasarkan nilai hasil belajar, nilai siswa meningkat di setiap tes. Nilai rata-rata pre test adalah 43,46, di siklus I nilai rata-rata hasil belajar 66,15, di siklus II nilai rata-rata hasil belajar 81,41. Berdasarkan lembar observasi ditemukan bahwa proses belajar mengajar berjalan dengan baik. Penelitian ini menunjukkan bahwa penelitian model pembelajaran berbasis masalah meningkatkan nilai belajar siswa dalam mata pelajaran Gambar Teknik di kelas X SMK Swasta Teladan Medan.*

**Kata Kunci :** *Pembelajaran Berbasis Masalah, Aktivitas Siswa dan Hasil Belajar Siswa.*

## **ABSTRACT**

**SINAGA MARTINUS, NIM 509121031. Apply Problem Based Learning to Enhance Activity and Students' Learning Outcomes in Engineering Drawing in Class X SMK Swasta Teladan Medan.**

*This study attempted to improve students' achievement in engineering drawing subject matter. This study was conducted by using classroom action research was class X Production Machinery Engineering Program SMK Swasta Teladan Medan, consists of 39 students. The research was conducted in two cycles and each cycle consists of one meeting. The instrument for collecting data were students' learning outcomes and observation sheet. Based on students' learning outcomes, students' score kept improving in every test. In the pre-test the mean score was 43,46, in the first cycle the mean of students' learning outcomes was 66,15, in the second cycle the mean of students' learning outcomes was 81,41. Based on observation sheet, it was found that teaching learning process ran well. Students were active and interested in engineering drawing. The result of the research showed that the problem based learning could improve students' learning outcomes in engineering drawing in class X SMK Swasta Teladan Medan.*

**Keywords:** *problem based learning, student activities sheet, students' learning outcomes.*