

## ABSTRAK

Fritz Agustian. NIM. 5103321011 : *Upaya Meningkatkan Hasil Belajar Siswa Pada Mata Pelajaran Pekerjaan Dasar Teknik Otomotif (PDTO) Dengan Menggunakan Model Pembelajaran Kooperatif Tipe STAD Pada Siswa Kelas X Teknik Kendaraan Ringan Di SMK Swasta Pelita Bulu Cina Tahun Pelajaran 2014/2015*. Skripsi. Fakultas Teknik Universitas Negeri Medan. 2015.

Penelitian ini bertujuan untuk meningkatkan hasil belajar mata pelajaran PDTO pokok bahasan menerapkan keselamatan, kesehatan kerja dan lingkungan (K3L) dengan menggunakan model pembelajaran Kooperatif Tipe *STAD* di kelas X Teknik Kendaraan Ringan SMK Swasta Pelita Bulu Cina T.P 2014/2015. Penelitian ini adalah penelitian tindakan kelas (PTK), subjek dalam penelitian ini siswa kelas X Teknik Kendaraan Ringan SMK Swasta Pelita Bulu Cina tahun pelajaran 2014/2015 sebanyak 25 orang siswa. Pelaksanaan tindakan dilakukan selama 2 siklus, dimana setiap siklus dilakukan satu kali pertemuan. Dalam setiap siklus dilakukan 4 tahap yaitu perencanaan, pelaksanaan, pengamatan dan refleksi. Instrumen yang digunakan dalam penelitian ini adalah tes dan lembar observasi. Pada siklus I diperoleh nilai rata-rata siswa 73,6 dengan ketuntasan belajar siswa sebanyak 12 orang (48%) sedangkan hasil observasi aktivitas siswa diperoleh rata-rata 69,6% tergolong rendah. Pada siklus II diperoleh nilai rata-rata siswa 84,8 dengan ketuntasan belajar sebanyak 20 orang (80%) yang telah tuntas dan 5 orang (20%) masih belum tuntas, sedangkan hasil observasi aktivitas siswa diperoleh rata-rata 80% tergolong tinggi. Disimpulkan bahwa dengan menggunakan model pembelajaran Kooperatif Tipe *STAD* dapat meningkatkan hasil belajar siswa pada mata pelajaran PDTO pokok bahasan menerapkan keselamatan, kesehatan kerja dan lingkungan (K3L) dari tindakan pada siklus I rata-rata hasil belajar 73,6 kemudian dilakukan tindakan pada siklus II rata-rata hasil belajar 84,8.

**Kata Kunci** : Model Pembelajaran Kooperatif Tipe *STAD*, Hasil Belajar, Keselamatan, Kesehatan Kerja Dan Lingkungan (K3L)

## ABSTRACT

Fritz Agustian. NIM. 5103321011 : *Improving Students' Learning Outcomes in Basic Job of Automotif Enginering by Using Cooprative Larning Models Type of STAD At Tenth Grade of SMK Pelita Bulu Cina Academic Years 2014/2015*.Scription.Technical Faculty of Engineering, State University Of Medan. 2015.

This research was aimed to improve students' learning outcomes in Mechanical Technology in the main subject of implementing safety, occupational health and environment by using cooperative learning models type of STAD at tenth grade in technical machinery of SMK Pelita Bulu Cina in the academic years 2014/2015. This research was conducted by using Classroom Action Reserach (CAR), subject of this research was students of tenth grade in Light Vehicle Engineering of SMK Pelita Bulu Cina in the academic years 2014/2015 and total number of students was 25. In this research the action was done in two cycles, where in every cycle was done with one meeting. In every cycle was done by using four steps those are planning,action, observation and reflection. The instrument of this research were test and observation sheet. In the first cycle, the mean of the first cycle was 73,6. The precentage of students who passed were 12 students (48%) while the result of observation activity was 69,6% it was still low. In the second cycle the mean of second cycle was 82,8 by the precentage of students who passed were 20 (80%) with 5 students who did not pass (20%). While the result of observation activity was got 80% and it was high.The conclusion of this research is the using of cooperative learning models type of STAD could improve students' learning outcomes in the subject of mechanical thecnology to implement safety,ocupational health and environment, from the action of first cycle with the mean of result was 73,6%. Then the mean of result in the socond cycle was 82,8.

**Keywords** : Cooperative Learning Models Type Of STAD, Learning Outcomes, Safety, Ocupational Health And Environment.