

ABSTRAK

Rahmad Nur Rizky: *Peningkatan Aktivitas Dan Hasil Belajar Mata Diklat Teknik Listrik Dasar Otomotif Dengan Menggunakan Model Pembelajaran Contextual Teaching And Learning (CTL) Pada Siswa Kelas X Teknik Kendaraan Ringan SMK Swasta Sinar Husni 2 TR Labuhan Deli TP 2015/2016*. Skripsi. Fakultas Teknik Universitas Negeri Medan. 2016

Tujuan penelitian ini adalah: Untuk meningkatkan aktivitas dan hasil belajar siswa pada mata diklat Teknik Listrik Dasar Otomotif dan mengetahui sejauh mana peningkatan kemampuan siswa dengan menggunakan media pembelajaran alat simulasi sistem kelistrikan pada materi system penerangan dan kelengkapan tambahan. Jenis penelitian ini adalah penelitian tindakan kelas. Subjek dari penelitian ini adalah siswa kelas X SMK Swasta Sinar Husni 2 TR Labuhan Deli sebanyak 30 orang. Objek penelitian ini adalah untuk meningkatkan Aktivitas dan hasil belajar siswa dengan model pembelajaran *Contextual Teaching And Learning* mata diklat teknik listrik dasar otomotif pada materi system penerangan dan kelengkapan tambahan 2015/2016. Berdasarkan hasil analisis data hasil belajar siklus I diperoleh 20 siswa (66,67%) telah mencapai ketuntasan belajar dan 10 siswa (33,33%) lainnya belum tuntas. Nilai rata-rata kelas 69.73 dengan tingkat ketuntasan secara klasikal sebesar 66,67%. Pada siklus II yang merupakan perbaikan pembelajaran yang telah diberikan pada siklus I, dari hasil tes belajar siklus II diperoleh 25 siswa (83,33%) telah mencapai ketuntasan belajar dan 5 siswa (16,67%) lainnya belum tuntas. Nilai rata-rata kelas meningkat menjadi 81.76 dengan tingkat ketuntasan belajar secara klasikal sebesar 83,33%. Jika dibandingkan data dari siklus I dan siklus II maka diperoleh nilai rata-rata pada 20 siswa disiklus I bertambah sebanyak 5 siswa disiklus II menjadi 25 siswa, sedangkan siswa yang tidak tuntas dalam belajar berkurang dari 10 siswa yang tidak tuntas disiklus I menjadi 5 siswa di siklus II.

Karena telah memenuhi kriteria ketuntasan belajar siswa dan mengalami peningkatan dari siklus I dan siklus II maka dapat disimpulkan bahwa model pembelajaran *Contextual Teaching And Learning* aktivitas dan hasil belajar mata diklat teknik listrik dasar otomotif pada siswa kelas X teknik kendaraan ringan.

Kata Kunci: Aktivitas, Hasil Belajar, Teknik Listrik, Otomotif, *Contextual Teaching And Learning*.

ABSTRACT

Rahmad Nur Rizky: *Increased Activity And Results of a Learning Training Automotive Electrical Engineering Basics Learning Model Using Contextual Teaching And Learning (CTL) Students of Class X Lightweight Vehicle Engineering Private SMK Sinar Husni 2 TR Labuhan Deli TP 2015/2016. Thesis. Faculty of Engineering, University of Medan. 2016*

The purpose of this study are: To increase the activity and student learning outcomes in leearning training Basic Automotive Electrical Engineering and determine the extent of the increase in the ability of students to use learning media simulation tool on the material's electrical system lighting system and additional fittings. This research is a classroom action research. The subject of this research is the students of class X SMK Sinar Husni Private 2 TR Labuhan Deli 30 people. The object of this research is to improve the activity and learning outcomes of students with learning model Contextual Teaching And Learning basic electrical engineering training eye on the material automotive lighting system and additional completeness 2015/2016. Based on the analysis results obtained studying the first cycle of 20 students (66.67%) have achieved mastery learning and 10 students (33.33%) are not yet complete. The average value of 69.73 class with the level of completeness in classical 66.67%. In the second cycle which is an improvement of learning that has been given in the first cycle, of the test results obtained by studying the second cycle of 25 students (83.33%) have achieved mastery learning and 5 students (16.67%) are not yet complete. The average value increased to 81.76 classes with classical learning completeness level of 83.33%. If compared to the data from the first cycle and the second cycle of the obtained average value of the 20 students cycled I grow as much as 5 students cycled II to 25 students, while the students who have not completed the study was reduced from 10 students who did not complete cycled I to 5 students the second cycle. For having met the completeness criteria of student learning and increased from the first cycle and the second cycle it can be concluded that the learning model Contextual Teaching And Learning activities and achievement of electrical engineering basic learning training in class X automotive light vehicle engineering.

Keywords: Activities, Learning Outcomes, Electrical Engineering, Automotive, Contextual Teaching And Learning.