

## ABSTRAK

**Herdi Kurnianto. NIM 5111511006. Penerapan Model Pembelajaran Kontekstual Untuk Meningkatkan Aktivitas dan Hasil Belajar Mekanika Teknik Pada Siswa Kelas X Program Keahlian Teknik Gambar Bangunan SMK Negeri 1 Percut Sei Tuan . Skripsi. Fakultas Teknik – Universitas Negeri Medan. 2016.**

Penelitian ini merupakan Penelitian Tindakan Kelas (PTK) bertujuan untuk menerapkan model pembelajaran Kontekstual yang dapat meningkatkan aktivitas dan hasil belajar mata pelajaran Mekanika Teknik pada kompetensi Dasar Menerapkan Cara Menyusun Gaya Dalam Struktur Bangunan di Kelas X Program Keahlian Teknik Gambar Bangunan SMK Negeri 1 Percut Sei Tuan. Prosedur tindakan dikemas ke dalam dua siklus yang masing-masing siklus terdiri dari dua kali pertemuan. Setiap siklus terdiri dari tahapan perencanaan (*planning*), tindakan (*acting*), pengamatan (*observing*) dan refleksi (*reflecting*). Data penelitian diambil dari tes hasil belajar siswa, bentuk tes menggunakan soal *multiple choice*. Soal berjumlah 55 soal dengan empat option pilihan, dimana 27 soal untuk siklus pertama dan 28 soal untuk siklus kedua dan data aktivitas siswa diambil menggunakan Format lembar observasi siswa. Hasil penelitian menunjukkan aktivitas belajar siswa pada siklus I pertemuan pertama dengan hasil nilai rata-rata 78,09 dengan katagori ( Kurang Aktif ) pada pertemuan kedua meningkat sebesar 2,88% dengan katagori (Cukup Aktif). Pada siklus II pertemuan pertama kembali meningkat sebesar 7,3% dengan katagori (Cukup Aktif) dan pada pertemuan kedua meningkat sebesar 11,73% dengan katagori (Aktif). Untuk hasil belajar siswa pada siklus I Nilai rata – rata 77,35 dengan prosentase kelulusan yaitu 73,08% meningkat pada siklus II dengan nilai rata – rata 83,38 dan Prosentase kelulusan yaitu 88,46%. Berdasarkan hasil penelitian dapat disimpulkan bahwa dengan penerapan Model Pembelajaran Kontekstual dapat meningkatkan aktivitas dan hasil belajar siswa pada Mata Pelajaran Mekanika Teknik Kompetensi Dasar Menerapkan Cara Menyusun Gaya Dalam Struktur Bangunan Siswa Kelas X Program Keahlian Teknik Gambar Bangunan SMK Negeri 1 Percut Sei Tuan T.A. 2015/2016.

**Kata Kunci** : *Model Pembelajaran Kontekstual, Aktivitas, Hasil Belajar*

## ABSTRAC

***Herdi Kurnianto. Registration number 5111511006. The application of Contextual Learning Model to improve the activity and results of the Study of Engineering Mechanics At The Engineering Mechanics Of Student Class X Engineering Program The Architecture State Vocational High School 1 Percut Sei Tuan. Skripsi Faculty of Technigue – State University Of Medan 2016.***

*This research is a Research Action class (PTK) aims to apply Contextual learning model that can increase the activity and results of the study subjects of basic competence in Engineering Mechanics Apply Arranging styles in building structures in class X Program The Architecture Engineering Expertise Of State Vocational High School 1 Percut Sei Tua. The procedure of action packed into two cycles, each cycle consisting of two times. Each cycle consists of the stages of planning (planning), actions (acting), observation (observing) and reflection (reflecting). Research data taken from test results of student learning, the shape of the test using the reserved multiple coice. Reserved amounts to 55 questions with four options, options where the 27 reserved for the first cycle and 28 reserved for second cycle and data activity students are taken using the Format sheet of observation of students. The results showed learning activities of students at the first meeting I cycle with the results of the average value of 78.09 with categories (less active) at the confluence of both increased by 2.88% with categories (fairly active). Cycle II first meeting back increased by 7.3% with categories (fairly active) and at the meeting of keduan increased by 11.73% with categories (active). Results for student learning at a median Value – I cycle average graduation percentage with 77.3 and Percentage of Graduation is 73.08% increase in median value cycle II – average graduation Percentage and 83.38 and Percentage of Graduation is 88,46%. Based on the results of the study it can be concluded that with the implementation of Contextual Learning Model can enhance student learning outcomes and activities on subjects of Basic Competencies to apply Engineering Mechanics how to craft a Style in the structure of the building of Student Class X Program The Architecture Engineering Expertise State Vocational High School 1 Percut Sei Tuan in the teaching year 2015/2016.*

*Key Words: Contextual Learning Model, The Activity, The Results Of The Study*