

## ABSTRAK

**NOFRI YUDHA PRAWIRA. NIM 5133111028. “Pengaruh Model Pembelajaran *Explicit Instruction* Terhadap Hasil Belajar Siswa Pada Mata Pelajaran Dasar-Dasar Konstruksi Bangunan Dan Teknik Pengukuran Tanah Kelas X Program Keahlian Desain Pemodelan Dan Informasi Bangunan SMK Negeri 1 Percut Sei Tuan”. Skripsi, Fakultas Teknik – Universitas Negeri Medan. 2018.**

Penelitian ini bertujuan untuk mengetahui perbedaan hasil belajar menggunakan model pembelajaran *Explicit Instruction* pada mata pelajaran dasar-dasar konstruksi bangunan dan teknik pengukuran tanah dibandingkan dengan model pembelajaran konvensional. Metode penelitian yang digunakan yaitu quasi eksperimen dengan desain penelitian *pre-test*, perlakuan, dan *post-test*. Sebelum menjaring data dilakukan uji coba instrument dengan hasil 15 butir tes yang memenuhi syarat. Selanjutnya, sebelum analisis data terlebih dahulu dilakukan uji normalitas dan homogenitas. Untuk menguji hipotesis digunakan analisis varians satu jalur. *pre-test* diperoleh  $F_{hitung} = 0,0409 < F_{tabel} = 4,04$ . Untuk *post-test* diperoleh  $F_{hitung} = 4,091 > F_{tabel} = 4,04$ .  $H_0 : \mu_1 = \mu_2$  ditolak dan  $H_a : \mu_1 \neq \mu_2$  diterima. Maka, model pembelajaran *Explicit Instruction* memberikan hasil belajar yang berbeda dibandingkan model pembelajaran konvensional, sehingga dapat dilanjutkan dengan uji-t. Berdasarkan data uji-t dengan taraf signifikan 5% diperoleh harga  $t_{hitung} = 2,064 > t_{tabel} = 1,676$ . Dapat disimpulkan menggunakan model pembelajaran *Explicit Instruction* memberikan hasil belajar yang lebih tinggi dibandingkan dengan model pembelajaran konvensional pada mata pelajaran dasar-dasar konstruksi bangunan dan teknik pengukuran tanah siswa kelas x program keahlian desain pemodelan dan informasi bangunan semester genap tahun ajaran 2017/2018.

**Kata Kunci** : Hasil Belajar, *Explicit Instruction*, Dasar-Dasar Konstruksi Bangunan Dan Teknik Pengukuran Tanah

## ABSTRACT

**NOFRI YUDHA PRAWIRA. NIM 5133111028. "The Effect of Explicit Instruction Learning Model on Learning Outcomes in the Basics of Building Construction and Soil Measurement Technical Class X Expertise Program in Building Modeling and Information Design SMK Negeri 1 Percut Sei Tuan". Essay, Faculty of Engineering - State University of Medan. 2018.**

*This study aims to determine the differences in learning outcomes using Explicit Instruction learning models on the subjects of building construction basics and land measurement techniques compared to conventional learning models. The research method used is quasi-experimental research design with pre-test, treatment, and post-test. Before capturing the data the instrument was tested with the results of 15 test items that met the requirements. Furthermore, before analyzing the data, the normality and homogeneity tests are done first. To test the hypothesis, one-way analysis of variance is used. pre-test obtained  $F_{count} = 0.0409 < F_{table} = 4.04$ . For post-test obtained  $F_{count} = 4.091 > F_{table} = 4.04$ .  $H_0: \mu_1 = \mu_2$  is rejected and  $H_a: \mu_1 \neq \mu_2$  is accepted. Thus, the Explicit Instruction learning model provides different learning outcomes than conventional learning models, so that it can be continued with a t-test. Based on t-test data with a significance level of 5%, the price of  $t_{count} = 2.064 > t_{table} = 1.676$ . It can be concluded using the Explicit Instruction learning model to provide higher learning outcomes compared to conventional learning models in the subjects of the basics of building construction and land measurement techniques of class X students of modeling design skills and even semester building 2017/2018 academic year.*

**Keywords** : Learning Outcomes, Explicit Instruction, Basics of Building Construction and Soil Measurement Techniques

