

ABSTRAK

DODY CHRISTIAN SIMAMORA, NIM. 5153111019. “Penerapan Model Pembelajaran *Explicit Instruction* Untuk Meningkatkan Hasil Belajar AutoCAD Siswa Kelas XI Program Keahlian Desain Pemodelan Informasi dan Bangunan di SMK N 5 Medan”. Skripsi, Fakultas Teknik – Universitas Negeri Medan. 2020

Penelitian ini bertujuan untuk meningkatkan hasil belajar AutoCAD melalui penerapan pembelajaran *Explicit Instruction*. Penelitian ini terdiri dari 2 siklus, tiap siklus meliputi perencanaan, pelaksanaan tindakan, observasi, dan refleksi. Penelitian dilakukan di kelas XI kompetensi keahlian desain pemodelan informasi dan bangunan yang terdiri dari 27 siswa. Data dalam penelitian ini diperoleh melalui hasil pengamatan. Indikator keberhasilan adalah belajar siswa mampu mencapai nilai $> 75\%$. Pada latihan Jobsheet I, hasil belajar yang diperoleh yaitu 2 orang siswa tergolong dalam kategori Sangat Kompeten, 7 kategori Kompeten, 10 orang kategori Cukup Kompeten, dan terdapat 8 orang dalam kategori Tidak Kompeten. Sementara pada Uji latihan Jobsheet II, hasil belajar yang diperoleh yaitu 6 orang siswa tergolong dalam kategori Sangat Kompeten, 15 kategori Kompeten, 6 orang kategori Cukup Kompeten, dan tidak terdapat lagi siswa dalam kategori Tidak Kompeten. Hasil penelitian menunjukkan perolehan hasil belajar siswa pada siklus I dengan nilai rata-rata 77,59 dengan persentase kelulusan 70,37 % dan meningkat pada siklus II dengan nilai rata-rata 85,00 dengan persentase kelulusan 100%. Simpulan yang dapat diambil adalah penerapan model pembelajaran *Explicit Instruction* dapat meningkatkan hasil belajar siswa kelas XI DPIB I mata pelajaran AutoCAD di SMK Negeri 5 Medan.

Kata Kunci : Hasil Belajar, Model Pembelajaran, *Explicit Instruction*, AutoCAD



ABSTRACT

DODY CHRISTIAN SIMAMORA, NIM. 5153111019. “The Application of Explicit Instruction Learning Model to Improve Learning Outcomes of AutoCAD XI Grade Students in Building Information and Modeling Design in SMK N 2 Medan”. Thesis, Faculty of Engineering - State University of Medan. 2020.

This study aims to improve the learning outcomes of AutoCAD through the application of Explicit Instruction learning. This study consisted of 2 cycles, each cycle including planning, implementing actions, observing, and reflecting. The study was conducted in class XI of the Building Information and Modeling Design competence consisting of 27 students. The data in this study were obtained through observations. Indicators of success are student learning capable of achieving grades > 75%. In the Jobsheet I exercise, the learning outcomes obtained were 2 student belonging to the Completely Completed category, 7 Completed categories, 10 Completely Completed categories, and there were 8 people in the Completed Completion category. While in Jobsheet II Exercise Trial, the learning outcomes obtained were 6 students belonging to the Completely Completed category, 15 Completed categories, 6 Completely Completed categories, and there were no more students in the Completed category. The results showed the acquisition of student learning outcomes in the first cycle with an average value of 77.59 with a percentage of 70.37% graduation and increased in the second cycle with an average value of 85.00 with a percentage of 100% graduation. The conclusion that can be taken is the application of the Explicit Instruction learning model can improve the learning outcomes of Grade XI DPIB I students the AutoCAD in SMK 5 Medan.

Keywords: Learning Outcomes, Learning Models, Explicit Instruction, AutoCAD

