

ABSTRAK

DesmanPranataBarus : “*Penggunaan Model Pembelajaran Explicit Instruction Pada Mata Diklat Proses dasarPengecoranLogamKelas X SMK SWASTA YAYASAN WANITA KERETA API(YWKA) Medan T.A 2016/2017*”. Skripsi, FakultasTeknikUniversitasNegeri Medan. 2016.

Penelitianinibertujuanuntukmeningkatkanhasilbelajarmatapelajaran Proses DasarPengecoranlogampadasiswakelas X Program KeahlianTeknikPermesinan SMK SWASTA YWKA Medanmelalui model pembelajarankooperatif tipe*Explicit Instruction*. Penelitianinimerupakanpenelitianindakankelas yang dilakukanpada semester ganjiltahunajaran 2016/2017 denganjumlahsiswa 32 orang. Penelitian ini dilakukan 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*). Teknik pengumpulan data dengan observasi, dan tes hasil belajar. Berdasarkan hasil evaluasi proses dan hasil pada setiap pembelajaran dan berdasarkan kriteria keberhasilan yang telah ditetapkan dalam penelitian ini, ditemukan pada siklus I nilai rata-rata *pretest* siswa 51,00, lalu pada pelaksanaan *posttest* meningkat menjadi 69,9. Kemudian setelah dilakukan tindakan perbaikan model pembelajarankooperatif tipe*Explicit Instruction* pada siklus II terjadi peningkatan nilai rata-rata *posttest* siswa, nilai rata-rata *posttest* meningkat menjadi 83,7. Demikian halnya dengan ketuntasan belajarsiswasiklus I sebanyak 17 orang siswa (53,12%) dinyatakan tuntas dan setelah dilakukan tindakan perbaikan siklus II sebanyak 26 orang siswa (81,25%) yang dinyatakan tuntas, sedangkan 6 orang siswa (18,75%) belum tuntas. Hasil observasi aktivitas siswapada siklus I dengan rata-rata 61,25% siswatergolongcukupaktif, dan setelah dilakukan tindakan perbaikan siklus II diperoleh rata-rata 85,0% siswatergolongaktif.

Dengandemikian dari hasil penelitian dapat disimpulkan bahwa penerapan model pembelajarankooperatif tipe*Explicit Instruction* dapat meningkatkan hasil belajarmatadiklat Proses DasarPengecoranLogampadasiswakelas X Program KeahlianTeknikPermesinan SMK SWASTA YWKA Medan T.A 2016/2017.

Kata Kunci : Hasil Belajar, Pengecoran Logam, Kooperatif,
Explicit Instruction

ABSTRACT

DesmanPranataBarus : “*Use of Explicit Instruction Learning Model In Training Eye basis Metal Casting Process Class X SMK YAYASAN WANITA KERETA API Medan T.A 2015/2016*”.Thesis, Faculty of Engineering, University of Medan. 2016.

This research aims to improve learning outcomes subject the basic process of metal casting in class X SMK Engineering Program Machining Private SMK YWKA Medan through cooperative learning Type *Explicit Instruction*. This research is a classroom action research conducted in the first semester of the academic year 2016/2017 the number of students 32. This research was conducted in two cycles, each cycle consisting of two meetings. Each cycle consists of stages of planning (*planning*), action (*acting*), observations (*observating*) and reflection (*reflecting*). The technique of collecting data through observation and achievement test. Based on the evaluation process and results in each learning and is based on success criteria that have been established in this study, it was found in the first cycle the average value of 51.00 student pretest and posttest on implementation increased to 69.9. Then, after the corrective actions *Explicit Instruction* cooperative learning model in the second cycle an increase in the average value posttest students, the average value increased to 83.7 posttest. Likewise with mastery learning students the first cycle were 17 students (53.12%) declared complete and corrective action after the second cycle a total of 26 students (81.25%) stated have been completed, while 6 students (18.75%) was not finished. Results of observation of student activity in the first cycle with an average of 61.25% of the students is quite active, and after the second cycle corrective action gained an average of 85.0% of students classified as active. Thus the results of this study concluded that the implementation of cooperative learning model of *Explicit Instruction* can improve learning the training basic process of metal casting in class X SMK Machinery Engineering Program Private YWKA Medan T.A 2016/2017.

Keywords : Learning Outcomes, metal casting, Cooperative
Explici Instruction