

TRAINING THE USING OF SSCNC SIMULATOR MEDIA TO IMPROVE CNC LEARNING FOR TEACHER SMK DIY

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ABSTRACT

The main objectives of community service are: (1) Increasing the competency of vhs teachers in operating CNC machine machine simulators, (2) Teachers can make CNC program for 4 pieces of workpiece for straight, straight, straight contour, and circular contours.

This community service is implemented in SMKN 2 Pengasih Kulonprogo. The number of trainees was 27 teachers from two schools in Kulonprogo district, namely SMKN 2 Pengasih and SMKN 2 Nanggulan. The training is held for 3 days or 24 hours from September 28, 2015 to September 30, 2015. The evaluation of training implementation is carried out by the assignment method, which is the task of making the program for four pieces of workpiece.

The results of the community service implementation are: (1) There is an increase in teacher competence in operating the CNC machine simulator; and (2) The teacher can make 4 CNC programs for CNC lathe workpiece.

Kata Kunci: *training, CNC, simulator*