

## WORKSHOP MODEL OF LEARNING IN CNC TRAINING

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### ABSTRACT

The main objectives of community service are: (1) Evaluating the CNC machining learning model currently being implemented in Vocational High Schools (VHS), and (2) Planning the CNC machining learning model in accordance with VHS curriculum and facility standard.

Community service activities are conducted by training for 4 days or 32 hours. Training materials consist of: (1) Industrial machining production process, (2) CNC training learning models, (3) CNC training with SSCNC software assistance, and (4) CNC training with CAM assistance. The tasks performed as community service outputs are the CNC training titles for the public, students and teachers of VHS that can be organized in accordance with the means owned by VHS. The trainees consisted of 19 people consisting of CNC machining teachers from VHS, BLPT instructor, CNC machine technician from BLPT. The trainer is one practitioner from the industry and four community service team members.

The results obtained from this training are: (1) have identified training needs for stakeholders outside BLPT using several CNC training models; and (2) have developed CNC machining learning model for general participants, vocational students and VHS teachers.

Kata Kunci: *Learning model, training, CNC*