

**AN INVESTIGATION INTO HOW INFORMATION TECHNOLOGY CAN BE
EXPLOITED TO EFFECTIVELY TRAIN STUDENTS IN THE AUTOMOTIVE
ENGINEERING DIVISION AT HARARE POLYTECHNIC**

RESEARCH PROJECT

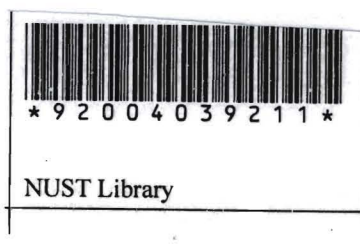
FOR

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ABSTRACT

The study under review endeavors to answer the question, “How information technology can be exploited to effectively train students in the automotive engineering division?”

Given the incessant improvements in the automotive trade, many systems have evolved which require training using modern methods. Systems such as fuel injection models like: K Jetronic, L Jetronic, Motronic and other systems makes it imperative for the division to device better methods of training. The researcher assumes that with the introduction of computer technology in training in the division, the quality of training can be improved and that more improvements can be made in the long run.

The research design that was adopted in the review was data triangulation; the design enabled the researcher to use such data gathering tools as questionnaires, interviews and observations. The sample for data gathering was chosen from students at NC and ND level, lecturers and training officers from the automotive industry. The research revealed that training in the automotive division was greatly affected by shortage of training equipment. The subjects top on the list of those not properly delivered are: workshop practice and processes, technical drawing, auto cad and electronics. Almost all the people who participated in the study agreed that the successful implementation of IT could improve the methods of teaching in the division.