

**A STUDY ON THE DEFICIENCY OF THE ZIMBABWE COLLEGE  
CIRRICULUM IN TEACHING MOTOR MECHANICS STUDENTS  
THE DANGERS OF AIR POLLUTION CAUSED BY MOTOR  
VEHICLES TO THE PUBLIC**

**A CASE OF MOTOR VEHICLE MECHANICS STUDENTS IN BULAWAYO**

**A RESEARCH PROJECT SUBMITTED IN PARTIAL  
FULFILLMENT FOR THE REQUIREMENTS OF THE BACHELOR  
OF TECHNICAL TEACHER EDUCATION (HONOURS) DEGREE  
IN CIVIL AND CONSTRUCTION ENGINEERING.**

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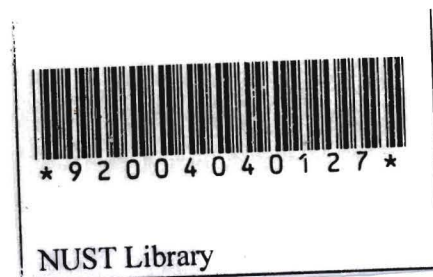
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## **ABSTRACT**

This was a case study seeking to establish the deficiency of the Zimbabwe College Curriculum in teaching Motor Mechanics students the dangers of air pollution caused by Motor Vehicles to the public. Lecturers and students at one of the Polytechnics in Bulawayo were used as subjects. Questionnaires were used as an instrument of data collection. Tables, pie chart and verbal description were used as a form of data presentation and analysis. The results indicated that pollution caused by motor vehicles was mentioned in passing during the teaching of workshop practise and process. The main problem points to the syllabus which did not explicitly state what must be covered under the topic on environmental pollution. It was noted that when the topic on pollution was taught, it did not take societal environment needs into consideration. It was meant to protect the motor mechanic himself/ herself when he/ she is in the workshop and to consider mainly the economic gains, compromising the public health. Suggestions for improvement included treating the topic as one of the major topics whose objectives are directed at saving the macro-environment. Recommendations for further studies include a research to find out the public's awareness of the pollution problem and also to find out whether catalytic converters are some of the government's requirements for a vehicle to be issued with a certificate of road worthiness.