

Abstract

The study identified the competencies needed by motor vehicle mechanic works teachers for effective teaching in technical colleges in Niger State, Nigeria. Two research questions were raised and answered as well as two null hypotheses were formulated and test at 0.05 level of significant. The study adopted cross sectional survey research design. The study was conducted in Niger State, Nigeria. The targeted population for the study was 46 respondents comprising of 25 MVM works teachers and 21 administrators. The study utilized the whole population of the study. The instrument used for data collection was a structured questionnaire titled Motor Vehicle Mechanics Work Teachers Competency Needs Questionnaire (MVMWTCNQ). The instruments were subjected to face and content validation by three experts. The reliability Coefficient of (MVMWTCNQ) was established using Cronbach's Alpha statistics and yielded overall reliability coefficient of 0.83. Data were collected by administering copies of the instruments through hand delivery. The data collected were analyzed using mean, standard deviation and z-test. Findings from the study revealed that: 33 items ($\bar{X}=3.61$) were found to be subject matter competency needs, 29 items ($\bar{X}=3.98$) were found to be ICT competency needs, 32 items ($\bar{X}=3.95$) were found to be pedagogical competency needs, and 28 items ($\bar{X}=3.77$) were found to be affective competencies needed by MVM works teachers for effective teaching in technical colleges in Niger State, Nigeria. Findings from the study also revealed that there is no significance difference between the mean responses of MVW work teachers and administrators on the subject matter and pedagogical competencies needed by MVM work trade teachers for effective teaching in technical colleges in Niger State, Nigeria. Based on the findings, the study recommended among others that: Niger State Science and Technical Schools Board should organize capacity building training for Motor Vehicle Mechanic works teachers in the area of Subject matter Competencies and Pedagogical Competencies competencies in order to enhance effective teaching of Motor Vehicle Mechanic works in technical colleges in Niger State, Nigeria. Keywords: Competencies, Motor Vehicle Mechanic Work, Teachers, Technical college