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Microteaching Session Essay: Reaming of Rigid Steel Conduit (RSC) in TLE - Electrical Installation and Maintenance

On December 1, 2023, I, Luigi Miguel Maravillas, had the privilege of conducting a microteaching session for Grade 10 students in the Technology and Livelihood Education - Electrical Installation and Maintenance class. The focus of the session was the critical skill of reaming Rigid Steel Conduit (RSC). This report encapsulates the objectives, teaching strategies employed, and the overall outcomes of the microteaching experience.

The overarching goal of the microteaching session was to acquaint students with the significance of reaming RSC in electrical installations. Additionally, the specific objectives included demonstrating the correct reaming procedure and emphasizing the paramount importance of safety during this process.

Commencing with a brief introduction, I aimed to engage students by tapping into their existing knowledge of conduits and illustrating the real-world relevance of our topic. Employing a step-by-step approach, I provided a lucid and concise demonstration of the reaming process. Visual aids, such as diagrams and tangible RSC samples, were employed to augment comprehension. Throughout the session, I actively encouraged student participation, fostering an environment where questions were welcomed and addressed promptly.

Recognizing the efficacy of hands-on learning, I structured the session to include a practical component where students could actively apply the knowledge gained. This interactive exercise allowed them to navigate the intricacies of the reaming process

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under my guidance. As I circulated among the students, providing tailored feedback and corrections, the practical application of skills became evident.

A central tenet of the microteaching session was the prioritization of safety. In emphasizing the donning of appropriate personal protective equipment (PPE) and maintaining an organized workspace, I sought to instill the importance of safety protocols in real-world applications. Discussion on potential hazards and precautionary measures underscored my commitment to fostering a secure learning environment.

The microteaching session on December 1, 2023, proved to be a resounding success. By effectively communicating the nuances of reaming RSC, students were able to grasp both the theoretical and practical aspects of the skill. The active participation of students during the hands-on activity underscored their engagement and application of the newly acquired knowledge.

While this report does not include specific feedback from observers Dr. Arlene Grace Diaz and Mr. Sunny Diche, their presence and evaluation provided valuable insights for future enhancements. The microteaching session not only met its objectives but also laid the foundation for ongoing improvement in instructional delivery in the realm of Electrical Installation and Maintenance.

In conclusion, the microteaching session on reaming RSC demonstrated the efficacy of a student-centered, hands-on approach in conveying technical skills. The success of this session is indicative of the potential for impactful and engaging learning experiences within the field of Technology and Livelihood Education.