

Training Needs Assessment of K-12 Teachers on Food Related Subjects: An Input for Feasible Extension Project

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ABSTRACT

Education 4.0 incorporates real and virtual world knowledge as a transition from Education 3.0. As the K-12 program hone students to be skilled workers, it is a great need for teachers to constantly update their knowledge and acquire new skills that match the demand of the industry. Training Needs Assessment (TNA) is the method of assessing if there is a need for training to fill the gap. Thus, the study aimed to assess the knowledge of selected K-12 DepEd teachers on food-related subjects and identify possible needs for intervention. The study utilized the descriptive research design using both qualitative and quantitative analysis. It involved a total of 28 Technology and Livelihood Education (TLE) teachers from the 12 elementary schools in San Pablo City, Laguna. A developed questionnaire was the major instrument used in gathering quantitative data. On the other hand, the one-on-one interview was applied to validate the answers of the respondents as well as to gather more salient information. Finding shows that the topics Good Manufacturing Practices (GMP), Culinary Arts, Food Processing, Bread and Pastry Production, and Sensory Evaluation in Research got the lowest mean scores. Thus, the respondents are recommended to have further training on these topics. These topics are integrated into the proposed training plan of the study. It is recommended to capacitate teachers of the skill-based subject on current trends and technologies and sustain the conduct of training through collaborations with other educational institutions for continuous professional growth and learning of teachers.

Keywords: training needs assessment, K-12 teacher, food-related subjects

About the presenter:

The presenter took Bachelor of Science in Industrial Technology major in Food Technology at Laguna State Polytechnic University San Pablo City Campus. She finished Master of Science in Family Resource Management at University of the Philippines Los Baños last 2017. She worked as a high school teacher teaching Technology and Livelihood Education for 2 years and acted as a guidance counselor for a year at Morning Star Montessori School Inc. Currently, she is an instructor at the College of Industrial Technology of Laguna State Polytechnic University San Pablo City Campus. She is an instructor of Food and Beverage Preparation Services Management subjects. Lastly, she acts as the Extension Unit Head of the college.

