



PHILIPPINE NORMAL UNIVERSITY

The National Center for Teacher Education

**RELATED FACTORS OF TECHNOLOGY AND LIVELIHOOD EDUCATION
PROGRAM AND LEARNING COMPETENCIES OF
JUNIOR HIGH SCHOOL**

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ABSTRACT

Keywords : TECHNOLOGY AND LIVELIHOOD EDUCATION, RELATED FACTORS, LEARNING COMPETENCIES

The study investigated related factors and level of attainment of learning competencies of Grade 10 Technology and Livelihood Education Program at Agusan del Sur National High School, San Francisco, Agusan del Sur. Research questions were answered and hypothesis was tested. The population of the study was 91, made up of 79 students and 12 TLE teachers. Validated questionnaire was used to collect data. Analysis of the results was carried out after which, a focused group discussion (FGD) was conducted. Mean and standard deviation were used to answer the research questions. The analysis of variance was used to test the hypothesis at 0.05 level of significance. Findings of the study showed that goals and objectives were highly implemented among the factors; tools and equipment were slightly implemented. The competencies on crop production and refrigeration and air-conditioning were moderately attained. On the other hand, the competencies on cookery and electric installation and maintenance were slightly attained. In general, the extent of implementation on technology and livelihood education factors was moderately implemented and the level of attainment of the desired learning competencies was slightly attained. At 0.05 level of significance, there was no significant relationship between related factors and desired learning competencies. It is recommended that TLE teachers and school administrators must revisit training regulations of involved specializations and consider the proposed intervention program.

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ABSTRAK

Mga Susing Salita : TEKNOLOHIYA AT EDUKASYONG
PANGKABUHAYAN, MGA KAUGNAY NA SALIK,
MGA KASANAYANG PAMPAGKATUTO

Ang pag-aaral na ito ay sumuri ng mga kaugnay na salik at lebel ng pagtamo ng mga kasanayang pampagkatuto sa Baitang 10 ng programang Teknolohiya at Edukasyong Pangkabuhayan (TEP) ng Agusan del Sur National High School, San Francisco, Agusan del Sur. Ang pag-aaral ay binuo ng 91 na populasyon– 79 na mag-aaral at 12 na guro ng TEP. Gamit ang nasuring instrument, kinolekta mula sa mga respondent ang mga datos at sinubok ang haypotesis. Isang *focused group discussion* (FGD) ang isinagawa. Ang gigamit naman sa pagsagot ng mga katanungan sa pananaliksik ay *mean* at *standard deviation*. Ang analisis ng varyans ay ginamit upang subukin ang haypotesis na nasa 0.05 *level of significance*. Natuklasan sa pag-aaral na ang mga tunguhin at layunin ng programa ay lubos na naisakatuparan samantalang ang mga kompetensi ng produksyon ng pananim at *refrigeration* at *air-conditioning* ay katamtamang naisakatuparan lamang. Samantala, ang mga kompetensi sa pagluluto at instalasyon ng elektrik at *maintenance* ay bahagyang naisakatuparan. Sa 0.05 *level of significance*, walang nakitang makabuluhang ugnayan sa pagitan nga mga kaugnay na salik at ninanais na mga kasanayang pampagkatuto. Inirerekomenda sa mga konsern na indibidwal na muling tingnan ang regulasyon ng mga pagsasanay ng mga kasangkot na espesyalisasyon at isaalang-alang ang panukalang programang interbensyon.