

# THE EFFECTIVENESS OF AUDIO VISUAL-BASED VIDEO TUTORIAL LEARNING MEDIA TO INCREASE LEARNING INDEPENDENCE IN SPREADSHEET COURSES FOR STUDENTS OF THE FEB UNY ACCOUNTING EDUCATION PROGRAM

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## ABSTRACT

The purpose of carrying out this research is to 1) find out whether there is a difference in learning independence between students who use Audio Visual Based Video Tutorial Learning Media and students who do not use Audio Visual Based Video Tutorial Learning Media in Spreadsheet Courses. 2) measure the effectiveness of implementing Audio Visual-Based Video Tutorial Learning Media in Increasing Learning Independence in Spreadsheet Courses for Students in the FEB UNY Accounting Education Study Program.

This research was carried out at the FE UNY Accounting Education Study Program during February-September 2023. This research is experimental research. The data analysis technique used to analyze the data obtained in this research is quantitative descriptive data analysis. The data analysis technique for testing hypotheses uses the paired sample test, while for measuring effectiveness the Cohen D formula is used.

The results of the analysis using the paired sample test show a Sig. of 0.000, which is less than 0.05. These results show that  $H_a$  is accepted and  $H_0$  is rejected. The results of the research show that the alternative hypothesis ( $H_a$ ) from this research is accepted, where the use of video tutorial media in the case of this research is considered effective in increasing student learning independence in spreadsheet courses in the experimental class (class U), or in other words the final hypothesis ( $H_0$ ) from this study was rejected. This result is supported by the effect size test where the calculation results show that the effect size value is 0.730469, which means that the application of video tutorial media in spreadsheet learning has an effect on student learning independence. The effects are included in the moderate category.

Kata Kunci: *Effectiveness of Video Tutorial Learning Media, Learning Independence, Spreadsheet*