

## ABSTRACT

**Kurniawati, 2019.** The Influence of *cooperative integrated reading and composition* (CIRC) learning model and learning motivation on students learning outcomes in SMA Negeri 1 Kota Ternate on the concept of optical instruments. Under the guidance of Mrs. Dr. Hj Mardia Hi Rahman, M.Pd, and Mrs. Nurlaela Muhammad, S.Pd,.M.Pd. Ternate: Faculty of Teacher Training and Education Khairun University.

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This research was conducted with the aim to know whether the influence of CIRC learning model and learning motivation on students learning outcomes in SMA Negeri 1 Kota Ternate on the concept of optical instruments. The method used in this research was correlational method that showed the influence of variables  $X_1$  and  $X_2$  to variable  $Y$ . The population in this research is the students overall grade XI MIA SMA Negeri 1 Kota Ternate with the total students are 216 students, while the sample in this research is class XI MIA 6 amounted 36 students. While the sample of this research is cluster sampling. The technique of data collection in this research is a technique in the form of essay test and non-test in questionnaire, furthermore the technique of data analysis used statistic experiment regression and correlation.

Based on the hypothesis test used the statistical significance test of regression and correlation significance in order to see the effect of the CIRC learning model on students learning outcomes values obtained  $F_{hit} > F_{tab}$  or  $67,855 > 4,13$  and  $t_{hit} > t_{tab}$  or  $8,23 > 2,03224$  thus, the hypothesis that there was influence between CIRC learning model on students learning outcomes acceptable. The same test statistic treated to see the effect learning motivation on students learning outcomes obtained  $F_{hit} > F_{tab}$  or  $23,55 > 4,13$  and  $t_{hit} > t_{tab}$  or  $4,853 > 2,03224$  so, the test hypothesis showed that the hypothesis  $H_a$  accepted and hypothesis  $H_o$  rejected. While seeing the big influence of CIRC learning model and learning motivation on students learning outcomes by using statistical test multiple regression and correlation where the influence of CIRC learning model and learning motivation together on students learning outcomes values obtained  $F_{hit} > F_{tab}$ , or  $14,354 > 4,13$  and  $t_{hit} > t_{tab}$  or  $14,986 > 2,03224$ . Based on the data analysis, it concluded there was the influence on students learning with the big influence 66,5%, and for the motivation of students learning on result of students learning there was a big influence amount 40,96%. Then, for the result of data analysis, the influence of CIRC learning model and learning motivation on students learning together showed that there was the big influence amount 68,06%.