

ASSESSMENT OF THE MATHEMATICAL SUCCESS OF THE STUDENTS ACCEPTED WITH OR WITHOUT AN ENTRANCE EXAMINATION TO VOCATIONAL SCHOOLS

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Abstract

Vocational Schools accept students with or without an entrance examination ruled by Student Selection and Placement Center. The education of construction technology program strongly depends on the numerical ability and analytical thoughts due to its technical education content. The students' mathematics attitude and their success on mathematics directly influence their general success on the other courses. In this study, the success and the capacity of the students of Construction Technology program on mathematics which comprises the basics of the other numerical courses was investigated. The students who have taken mathematics in the last 3 semester were reviewed in terms of percentages of the students accepted with an entrance examination whether not. It's shown that the students accepted without an entrance examination were less successful on mathematics than the students accepted with an entrance examination. Students accepted with no entrance examination also found to have more repetitions on mathematic course.

Key Words: Vocational school, entrance examination, numerical ability.