

On the Contact-free Teaching Methods of General College Mathematics.

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- **Abstract:** The "Corona 19 Pandemic," which no one expected, restricted daily activities in all countries around the world. In particular, the education that was being conducted in the classroom to curb the spread of the coronavirus has suddenly been converted to non-face-to-face online education. The online lecture, which started without any preparation, began with a lecture on video production and upload in the first semester of 2020. From the second semester of 2020 to the first semester of 2021, it was changed to a realtime online lecture. Real-time online lectures are conducted through camera and screen sharing by accessing video conference systems such as zoom, but the methods of lectures are divided into providing uploaded videos or real-time lectures. As it is a real-time lecture, question and answer session is also held during the class. Although many real-time face-to-face studies have been conducted, this study shows students' preferred online methods, reasons for choosing that method, and the reasons for dissatisfaction are investigated through the survey, and considers the two-way communication method to be conducted in the next class.
- **Keywords:** Corona 19 Pandemic, online education, contact-free, real-time education, teaching method