

## ABSTRAK

**Sujiati, Kressetiyarini. 2020. Analisis *Collaboration Skill* Mahasiswa S1 Pendidikan Matematika Peserta Kuliah Desain Pembelajaran Matematika SMA dan SMK Kelas B. Skripsi. Yogyakarta: Program Studi Pendidikan Matematika, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma.**

Penelitian ini bertujuan untuk mendeskripsikan *Collaboration Skill* mahasiswa. Jenis penelitian ini adalah penelitian kualitatif. Latar belakang dari penelitian ini adalah tantangan pendidikan abad 21 yang menuntut mahasiswa sebagai calon pendidik untuk mampu berkolaborasi dengan semua pihak.

Penelitian ini dilakukan terhadap mahasiswa S1 Pendidikan Matematika Universitas Sanata Dharma yang mengambil mata kuliah Desain Pembelajaran Matematika SMA dan SMK di kelas B. Pengambilan data dilaksanakan pada bulan April – Juni 2019. Teknik pengumpulan data dalam penelitian ini dilakukan dengan memberikan tes tertulis, observasi, kuesioner, dan wawancara terkait *Collaboration Skill* kepada subjek penelitian.

Hasil penelitian menunjukkan bahwa mahasiswa dalam kategori kemampuan kognitif tinggi, sedang, dan rendah mampu berkompromi, mampu bertanggungjawab, dan mampu menghargai pendapat orang lain, serta mampu bekerja secara produktif namun belum maksimal karena masih kurang fokus ketika mengerjakan tugas. Mahasiswa dalam kategori berkemampuan kognitif tinggi, sedang dan rendah mampu menyatukan hasil pemikiran untuk mendapat solusi dalam penyelesaian soal matematika namun belum maksimal karena masih mengalami kesulitan. Mahasiswa dalam kategori berkemampuan kognitif rendah ada yang belum mampu menyatukan hasil pemikiran untuk mendapat solusi dalam penyelesaian soal matematika.

Kata kunci: *Collaboration Skill*

**ABSTRACT**

*Sujiati, Kressetiyarini. 2020. Analysis of Collaboration Skills of S1 Students in Class B Mathematics Education in High School and Vocational High School Mathematics Learning Design Courses. Thesis. Yogyakarta: Mathematics Education Study Program, Faculty of Teacher Training and Education, Sanata Dharma University.*

*This research aims to describe the Collaboration Skill of students. This type of research is qualitative research. The background of this research is the challenges of 21st century education that requires students as prospective educators to be able to collaborate with all parties.*

*The subjects of this research were undergraduate students in Mathematics Education at Sanata Dharma University who took high school and vocational mathematics learning design courses in class B. Data collection was carried out in April - June 2019. Data collection techniques in this research were carried out by giving written tests, observations, questionnaires, and interviews related to Collaboration Skills to research subjects.*

*The results showed that students in the category of the high, medium, and low cognitive abilities were able to compromise, be able to be responsible, and be able to respect the opinions of others and be able to work productively but not optimally because they were still less focused when working on assignments. Students in the category of the high, medium and low cognitive abilities are able to bring together the results of thought to get solutions in solving mathematical problems but have not been maximized because they are still experiencing difficulties. There are students in the category of low cognitive abilities who have not been able to bring together the results of thought to get solutions in solving mathematical problems.*

*Keyword: collaboration skill*