

## ABSTRAK

**Prastyo Hardianto. NIM 5153111039: Penerapan Model Pembelajaran Kooperatif dengan Menggunakan Media Video Berbasis Google Classroom untuk Meningkatkan Hasil Belajar Dasar-Dasar Konstruksi Bangunan dan Teknik Pengukuran Tanah Pada Siswa Kelas X Kompetensi Keahlian Desain Pemodelan Informasi Bangunan SMKN 1 Percut Sei Tuan. Skripsi. Fakultas Teknik – Universitas Negeri Medan. 2021**

Hasil belajar dan kemampuan memahami jenis-jenis alat berat pada pekerjaan konstruksi dalam mata pelajaran DDKBTPT pada siswa kelas X Program Keahlian Desain Pemodelan Informasi Bangunan SMKN 1 Percut Sei Tuan masih cenderung rendah dan belum memenuhi KKM. Penelitian ini bertujuan untuk meningkatkan aktivitas dan hasil belajar siswa kelas X DPIB 2 dengan menggunakan media video berbasis Google Classroom dalam pembelajaran kooperatif. Metodologi penelitian yang digunakan adalah Penelitian Tindakan Kelas melalui Daring dengan rancangan dua siklus, dimana setiap siklus terdiri dari dua pertemuan. Hasil pengamatan Penilaian ketuntasan hasil belajar pada siswa yang mendapat nilai rata-rata hasil belajar kognitif melampaui KKM 75, memperoleh persentase pada siklus I sebesar 64,29% dan siklus II sebesar 89,29%. Hasil penelitian menunjukkan bahwa pengajuan hipotesis tindakan diterima, yang dibuktikan dengan penerapan Media Video Berbasis Google Classroom mampu meningkatkan hasil belajar siswa pada mata pelajaran DDKBTPT.

**Kata Kunci:** Hasil Belajar, Dasar – Dasar Konstruksi Bangunan dan Teknik Pengukuran Tanah., *Media Video Berbasis Google Classroom.*



## ABSTRACT

**Prastyo Hardianto. NIM 5153111039: Application of Cooperative Learning Model Using Google Classroom-Based Video Media to Improve Learning Outcomes of the Basics of Building Construction and Land Measurement Techniques In Class X Students of Building Information Modeling Design Competency SMKN 1 Percut Sei Tuan. Essay. Faculty of Engineering - Medan State University. 2021**

Learning outcomes and the ability to understand the types of heavy equipment on construction work in the DDKBTPT subject for class X students of the Building Information Modeling Design Skills Program at SMKN 1 Percut Sei Tuan still tend to be low and have not met the KKM. This study aims to improve the activities and learning outcomes of class X DPIB 2 students by using video media based on Google Classroom in cooperative learning. The research methodology used is Classroom Action Research through Online with a two-cycle design, where each cycle consists of two meetings. The results of the observation of the assessment of the completeness of learning outcomes in students who got an average score of cognitive learning outcomes beyond KKM 75, obtained a percentage in cycle I of 64,29% and cycle II of 89,29%. The results showed that the submission of the action hypothesis was accepted, as evidenced by the application of Google Classroom-Based Video Media which was able to improve student learning outcomes in DDKBTPT subjects.

**Keywords :** Learning Outcomes, Basics of Building Construction and Land Measurement Techniques, Google Classroom Based Video Media

