

## ABSTRAK

**Alexandreia Mega Aryati (NIM: 151414028). 2020. Penerapan Model Pembelajaran Flipped Classroom Pada Pembelajaran Matematika di Kelas X Teknik Laboratorium Medis SMK Theresiana Semarang Tahun Ajaran 2019/2020 . Skripsi. Program Studi Pendidikan Matematika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma Yogyakarta.**

Penelitian ini bertujuan untuk mengetahui: (1) keterlaksanaan penerapan pembelajaran dengan model *Flipped Classroom* untuk peserta didik di kelas X Teknik Laboratorium Medis SMK Theresiana Semarang; (2) dampak penerapan pembelajaran dengan model *Flipped Classroom* pada pokok bahasan Sistem Persamaan Linear Dua Variabel di kelas X Teknik Laboratorium Medis SMK Theresiana Semarang terhadap hasil belajar peserta didik; (3) dampak penerapan pembelajaran dengan model *Flipped Classroom* pada pokok bahasan Sistem Persamaan Linear Dua Variabel di kelas X Teknik Laboratorium Medis SMK Theresiana Semarang terhadap motivasi belajar peserta didik.

Jenis penelitian ini merupakan deskriptif dengan pendekatan kualitatif. Subjek penelitian ini adalah peserta didik kelas X Teknik Laboratorium Medis SMK Theresiana Semarang yang berjumlah 27 Orang. Pengambilan data penelitian dilakukan pada bulan September 2019. Data yang dikumpulkan berupa observasi keterlaksanaan pembelajaran, tes tertulis, dan angket.

Dari penelitian yang dilaksanakan, diperoleh hasil sebagai berikut: (1) pelaksanaan model pembelajaran *Flipped Classroom* pada materi SPLDV di kelas X Teknik Laboratorium Medis SMK Theresiana Semarang tahun ajaran 2019/2020 terlaksana dengan sangat baik dengan persentase keterlaksanaan sebesar 96% (pertemuan pertama) dan 100% (pertemuan kedua); (2) Berdasarkan hasil *post – test* yang diikuti oleh 26 peserta didik diperoleh hasil baik dengan persentase ketuntasan peserta didik sebanyak 77% dan kategori keseluruhan baik; (3) berdasarkan hasil analisis angket motivasi peserta didik secara keseluruhan diperoleh hasil sangat tinggi pada kedua pertemuannya. Terdapat kenaikan persentase kategori sangat tinggi dan tinggi pada pertemuan kedua, yaitu persentase kategori sangat tinggi dari 9% menjadi 23% serta kategori sangat tinggi dan tinggi dari 96% menjadi 100%.

**Kata Kunci:** *Flipped classroom*, hasil belajar, motivasi belajar.

*ABSTRACT*

**Alexandreia Mega Aryati (Student Number: 151414028). 2020. Application of the Flipped Classroom Learning Model in Class X of the Medical Laboratory Engineering Theresiana Vocational School Semarang Academic Year 2019/2020. Thesis. Mathematics Education Study Program, Department of Mathematics and Natural Sciences Education, Faculty of Teacher Training and Education, Sanata Dharma University Yogyakarta.**

This study aims to determine: (1) the implementation of using Flipped Classroom learning model for students in class X of the Medical Laboratory Engineering at Theresiana Vocational School Semarang; (2) the impact of the application of Flipped Classroom learning model on the subject of the Two Variable Linear Equation System in class X of the Medical Laboratory Engineering at Theresiana Vocational School Semarang on the students's learning outcomes; (3) the impact of the application of Flipped Classroom learning model on the subject of the Two Variable Linear Equation System in class X of Medical Laboratory Engineering at Theresiana Vocational School Semarang on the students's learning motivation.

This type of research is descriptive with a qualitative approach. The subjects of this study were 27 students of Class X Medical Laboratory Engineering at Theresiana Vocational School Semarang. The research data were collected in September 2019. Data collected in the form of observations of the implementation of learning, written tests, and questionnaires.

From the research conducted, the following results were obtained: (1) the implementation of the Flipped Classroom learning model on Two Variable Linear Equation System material in class X of the Medical Laboratory Engineering Theresiana Vocational School Semarang academic year 2019/2020 was implemented very well with a percentage of implementation is 96% (first meeting) and 100% (second meeting); (2) Based on the results of the post-test followed by 26 students, the results obtained were good with a percentage of students completeness 77% and the overall category was good; (3) based on the results of a questionnaire analysis the overall motivation of students obtained very high results at both meetings. There was an increase in the percentage of very high and high categories at the second meeting, namely the percentage of very high categories from 9% to 23% and very high and high categories from 96% to 100%.

**Keywords:** Flipped classroom, learning outcomes, learning motivation.