

## ABSTRAK

**PUTRI ELMARETHA PURBA. Pengembangan Perangkat Pembelajaran Berbasis Pendekatan *Open-Ended* Menggunakan *Hypercontent* untuk Meningkatkan Kemampuan Berpikir Kreatif dan *Self-Efficacy* Siswa SMK.** Tesis. Medan: Program Studi Pendidikan Matematika Pascasarjana Universitas Negeri Medan. 2021.

Penelitian ini bertujuan untuk: 1) memperoleh perangkat pembelajaran yang dikembangkan berbasis pendekatan *open-ended* menggunakan *hypercontent* yang memenuhi validitas, kepraktisan, dan keefektifan untuk meningkatkan kemampuan berpikir kreatif dan *self-efficacy* siswa.; 2) mendeskripsikan bagaimana peningkatan kemampuan berpikir kreatif dan *self-efficacy* siswa yang diterapkan dengan menggunakan perangkat pembelajaran berbasis pendekatan *open-ended* menggunakan *hypercontent*. penelitian ini merupakan penelitian pengembangan. Model pengembangan yang digunakan dalam penelitian ini adalah model ADDIE. Hasil penelitian menunjukkan bahwa: 1) pengembangan perangkat pembelajaran berbasis pendekatan *open-ended* menggunakan *hypercontent* yang dikembangkan memenuhi kriteria kevalidan, kepraktisan, dan keefektifan perangkat pembelajaran; 2) peningkatan kemampuan peningkatan kemampuan berpikir kreatif dan *self-efficacy* menggunakan perangkat pembelajaran berbasis pendekatan *open-ended* menggunakan *hypercontent* ditinjau dari *n-gain* uji coba I sebesar 0,22 dengan kriteria rendah dan pada uji coba II sebesar 0,39 dengan kriteria sedang; 3) perangkat pembelajaran berbasis pendekatan *open-ended* menggunakan *hypercontent* yang dikembangkan ini dapat meningkatkan kemampuan *self-efficacy* siswa, terlihat pada uji coba I rata-rata *self-efficacy* siswa sebesar 66,72, pada uji coba II rata-rata *self-efficacy* sebesar 72,23.

**Kata kunci:** Pengembangan Perangkat Pembelajaran, Model ADDIE, Pendekatan *Open-Ended*, *Hypercontent*, Berpikir Kreatif, *Self-Efficacy*.



## ABSTRACT

**PUTRI ELMARETHA PURBA. Development of Learning Tools Based on an Open-Ended Approach Using Hypercontent to Improve the Creative Thinking Ability and Self-Efficacy of Vocational School Students.** Thesis. Medan: Postgraduate Mathematics Education Study Program, Medan State University. 2021

This study aims to: 1) obtain learning tools developed based on an open-ended approach using hypercontent that meet validity, practicality, and effectiveness to improve students' creative thinking skills, creative thinking and self-efficacy; 2) describe how to increase students' creative thinking skills and self-efficacy which is applied by using learning tools based on an open-ended approach using hypercontent. This research is a development research. The development model used in this research is the ADDIE model. The results showed that: 1) the development of learning tools based on an open-ended approach using hypercontent that was developed met the criteria of validity, practicality, and effectiveness of learning tools; 2) increasing the ability to increase creative thinking skills and self-efficacy using learning tools based on an open-ended approach using hypercontent in terms of the n-gain in the first trial of 0.22 with low criteria and 0.39 in the second trial with moderate criteria; 3) learning tools based on an open-ended approach using hypercontent that were developed can improve students' self-efficacy abilities, it can be seen in the first trial the average self-efficacy of students was 66.72, in the second trial the average self-efficacy was 72.23.

**Keywords:** Development of Learning Tools, ADDIE Model, Open-Ended Approach, Hypercontent, Creative Thinking, Self-Efficacy

